



Samplers

Sampling from liquids, bulk goods and viscous media

Take samples – but do it right!

Taking samples

When taking samples, a random test is taken from an overall quantity. These samples serve as the basis for the analysis regarding quality assurance. The correct procedure for taking spot samples is therefore a very important subject. Only with representative and authentic samples can reliable information about the quality, properties or composition of a particular material be provided.

Very precise material analyses can be carried out with the most up-to-date technology. However, the technology is no good if an error occurs when the sample is taken and this error continues through all phases of the analysis, with the consequence that the final result of the quality check is wrong.

Correct information about the properties of a material can only be provided if the sample is taken properly and treated in the same way as in the subsequent analysis. The basic point is that the properties and composition of the sample quantity correspond exactly with the material quantity that has to be evaluated



Taking samples - but how?

When taking samples, some essential stipulations such as DIN-standards have to be complied with. The recommendation is to follow a company-internal checklist which should be a fixed component of a company's quality standards. All relevant steps for taking samples are documented in this checklist so that they can be traced at any time.

Location for taking samples

The location from where the samples are taken has to be as clean as possible. At the very least, the use of clean samplers, equipment and tools has to be considered. During the procedure, no external factors must influence the sampling. Even small external contamination can significantly alter the examination result. Detergents which are used to clean the samplers or the sample packaging can also falsify the result of the analysis.



Taking samples - but who? - Qualified personnel

Only skilled personnel should take the samples. It must be guaranteed that sampling is carried out exactly in accordance with the stipulated DIN-standards or internal guidelines.

Technical knowledge is of utmost importance because altered circumstances can only be reacted to on-site. Only trained personnel can quickly and safely recognise mistakes that occur or altered circumstances and react accordingly.

Taking samples - with what? - Sampling equipment

Choosing the right sampling equipment depends on many different selection criteria. It depends on the material properties of the sampler as well as on the type of sampling, the container or the site where the material is located, and the frequency with which the



sampling has to be carried out. In addition to individual requirements for sampling, all equipment should fulfil the basic principles explained below:

Sampler material

The equipment should be made of inert substances from which no material can come loose and which does not react with other substances and therefore cannot

contaminate the sample. The inert substance depends on the medium to be sampled. As a general rule, samplers made of stainless steel and high-quality plastic such as PTFE are very suitable.

Cleaning the sampling equipment

It should be easy and quick to clean the equipment and – under certain conditions – to sterilise it. In the food industry, sterile-packed disposable samplers are recommended which can be disposed of after use.

Processing the samplers

Samplers must not have any grooves or crevices because residual material collects in such crevices and cannot be easily removed. This means that cross-contamination and memory effects can no longer be ruled out.

Surface of the equipment

The samplers' surfaces have to be especially smooth, for example, electro-polished stainless steel or PTFE. This prevents material from being deposited and simplifies cleaning. When selecting the appropriate sampling equipment, you must ensure that it is finished properly on the inside. Equipment with only a smooth external surface will not meet any quality standards.

Sampling techniques – physical and analytical sampling
A distinction is made between physical and analytical/chemical sampling.

During **physical sampling**, the bulk density, material distribution, material properties and – if required – colouring or contamination are determined. It is especially important in this case that the sampler does not change or destroy the material's properties while taking the sample. A sample taken onsite still has to be transported. During packing and transport, the same high quality standards should apply as during sampling, so that the sample reaches the laboratory unaltered.

During **analytical sampling**, special attention must be paid to cleanliness in addition to the aspects listed above. However, the material properties can be disregarded at times because the sample will be specially processed. In this case, equipment can be used which changes the physical properties of the material.

Any questions?

We will be happy to advise you.

Talk to us - telephone +49 7635 82795-0.

Or send an email to info@buerkle.de.

Bürkle GmbH - your partner for all questions about manual sampling.



More information about

„Take samples – but do it right!“:

www.buerkle.de/en/knowhow/take-samples-but-do-it-right

Zone samplers | for all kinds of bulk goods



1. Multi sampler (closed chambers)
2. All layer sampler (open inner tube)
3. Uno sampler (one closed chamber)

Bürkle zone samplers are used for taking samples of bulk goods of any kind.

The big advantage of zone samplers is that all-layer samples can be collected from all layers of the container.

Various bulk goods can be collected with the lances, from the finest powder to large grains such as corn or nuts.

The zone samplers are available in different lengths. 55 cm (only Multi, Uno and All-layer sampler) especially suitable for sacks, 85 cm long (especially for barrels, tubs, mixed containers) and 150 cm as well as 250 cm (only Jumbo sampler) for big bags, silos, tanks.

Safe and reliable sampling is made even easier with useful special accessories such as sealing sleeves, Quali-Paper, cleaning brushes, emptying devices and close-it control seals.

The zone samplers are available in different models for different sampling tasks.

- ▶ Smallest possible gap between the inner and the outer tube
- ▶ Easy cleaning, removable tip
- ▶ Colour coding (Multi and Uno sampler)
- ▶ Ultra-pure materials
- ▶ Excellent processing, robust model



Colour coding:
Identification to prevent mixing up with Multi sampler and Uno sampler.

Zone samplers | for all kinds of bulk goods



All-layer sampler, with open inner tube, no separate chambers, and large sampling volume. For all-layer samples through all the layers of the sample.

- ▶ Aluminium or AISI 316L (1.4404)
- ▶ 25 mm Ø



Corresponds to ISTA standard for seed lengths of 10 mm (wheat, oats) and 5 mm (flax, vetches).



Multi sampler with several closed chambers, for multi point sampling from several predetermined sampling depths.

- ▶ Aluminium, AISI 316L (1.4404) or AISI 316L/PTFE
- ▶ Version made of AISI 316L (1.4404)/PTFE with low weight due to PTFE sample chambers.
- ▶ With colour coding system
- ▶ 25 mm Ø



Uno sampler made of stainless steel AISI 316L (1.4404)/PTFE with a closed sample chamber for point sampling from a predetermined sampling depth.

- ▶ Outer tube stainless steel AISI 316L (1.4404), sample chambers made of PTFE
- ▶ With colour coding system
- ▶ 25 mm Ø



Different colours of close-it. See page 78.

All-layer-sampler

Material	Total length cm	Insertion depth mm	No. of openings	Chamber volume ml	Price €	Item no.
aluminium	55	430	3	70		5317-2055 N4
aluminium	85	710	3	130		5317-2085 N4
aluminium	150	1355	5	260		5317-2150 N4
AISI 316L	55	430	3	70		5316-2055 N4
AISI 316L	85	710	3	130		5316-2085 N4
AISI 316L	150	1355	5	260		5316-2150 N4

Multi sampler

Material	Total length cm	Insertion depth mm	Number of collection chambers	Chamber volume ml	Price €	Item no.
aluminium	55	430	3	14		5317-1058 N4
aluminium	85	710	3	17		5317-1085 N4
aluminium	150	1355	5	17		5317-1150 N4
AISI 316L	55	430	3	14		5316-3055 N4
AISI 316L	85	710	3	17		5316-3085 N4
AISI 316L	150	1355	5	17		5316-3150 N4
AISI 316L/PTFE	55	430	3	14		5316-0055 N4
AISI 316L/PTFE	85	710	3	17		5316-0085 N4
AISI 316L/PTFE	150	1355	5	17		5316-0150 N4

Uno sampler

Material	Total length cm	Insertion depth mm	Number of collection chambers	Chamber volume ml	Price €	Item no.
AISI 316L/PTFE	55	430	1	17		5316-1055 N4
AISI 316L/PTFE	85	710	1	17		5316-1085 N4
AISI 316L/PTFE	150	1355	1	17		5316-1150 N4

Use

1. Turn the handle, close the chambers.
2. Insert the sampler to the required depth.
3. Open the chambers, sample flows into the chamber.
4. Close the chambers.
5. Pull out the sampler.
6. Close the insertion opening with the close-it control seal.
7. Empty the chambers onto Quali-Paper or with the emptying device.

Zone samplers | for all kinds of bulk goods



Jumbo sampler with a tube diameter of 50 mm, ideal for coarse grains and larger quantities. With an open inner tube and large sampling volume, for all-layer samples through all layers of the sample or with sample chambers separated by PTFE separators for multi point sampling from several predetermined sampling depths.

- ▶ Aluminium or aluminium/PTFE
- ▶ 50 mm Ø

Jumbo sampler

Model	Total length cm	Material	Insertion depth mm	No. of openings	Chamber volume ml	Price €	Item no.
All layer - open inner tube	95	aluminium	850	3	880		5319-1085 N4
All layer - open inner tube	165	aluminium	1500	5	1700		5319-1150 N4
All layer - open inner tube	265	aluminium	2500	7	2900		5319-1250 N4
Multi - closed chambers	95	aluminium/PTFE	850	3	390		5319-2085 N4
Multi - closed chambers	165	aluminium/PTFE	1500	5	650		5319-2150 N4
Multi - closed chambers	265	aluminium/PTFE	2500	7	910		5319-2250 N4



Accessories for zone samplers



Emptying device



Sealing sleeves zone sampler 25 mm usage



Quali-Paper for zone sampler



Cleaning brushes

Emptying device

Model	Material	Length cm	Price €	Quantity scale from	Scale price €	Item no.
device with 3 funnels	AISI 304	100		5		5317-0030 N4
emptying funnel separate	AISI 304			3		5317-0033 N4

Sealing sleeves

Dia. mm	Material	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
25	PP	3		10		5317-0011 N4
50	PVC	1				5317-0010 N4

Quali-Paper

L x W cm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
89 x 23	50		10		5317-0001 N4

Cleaning brushes

Dia. mm	Length cm	Material	Price €	Quantity scale from	Scale price €	Item no.
25	40	PVC/stainless steel		10		5304-0040 N4
25	60	PVC/stainless steel		10		5304-0060 N4
25	80	PVC/stainless steel		10		5304-0080 N4
25	100	PVC/stainless steel		10		5304-0100 N4
50	100	PVC/stainless steel		5		5304-5100 N4
50	300	PVC/stainless steel		5		5304-5300 N4

Zone sampler Spiralus

- ▶ Representative sample of the container layers.
- ▶ Aluminium, anodised
- ▶ Tip PA
- ▶ 38 mm Ø
- ▶ Low weight



Zone sampler Spiralus guarantees precise zone sampling through all layers of the sample. The spiral arrangement of the sampling slits means that these are opened one after the other from bottom to top. In this way the lowest opening is filled first and then those above it in sequence until the complete Spiralus has been filled. The shape of the sampling slits prevents seeds from being cut up. The zone sampler Spiralus provides an excellent all-layer sample.

Applications

Spiralus is particularly suitable for sampling coarse-grained bulk goods, seeds and pellets at locations such as soil heaps, warehouses, trucks, railway goods wagons, etc.

Zone sampler Spiralus					
Total length cm	No. of openings	Weight g	Chamber volume ml	Price €	Item no.
145	8	1400	770		5318-0145 N4
200	8	2000	1100		5318-0200 N4
Accessories					
Description			Price €	Item no.	
Cleaning brushes 50 mm dia., length 1000 mm				5304-5100 N4	
Quali-Paper				5317-0001 N4	

EasySampler | easy to empty



It is possible to take multiple samples from bulk goods with this sampler quickly and easily. Emptying has been greatly simplified and in this model takes place via the tip. The advantage: The sample can be emptied directly into the sample container without having to disassemble the EasySampler, in order to obtain a mixed sample for instance. The bulk material must be free-flowing or self-flowing.

- ▶ Stainless steel AISI 316L (1.4404)
- ▶ For sample opening from 52 mm Ø

EasySampler has been developed in cooperation with an international chemical concern based in Ludwigshafen, Germany.

EasySampler					
Chamber volume ml	Total length cm	Tube Ø mm	Price €	Item no.	
60	100	32		5360-0600 N4	
200	104,5	32		5360-1000 N4	

All-layer drill



The all-layer drill is a special zone collector specifically designed for heavily compacted substances. Often it is very difficult or impossible with conventional zone collectors to penetrate media of this type and take a sample extending through all layers. By contrast, the drilling blades of the all-layer drill burrow easily and quickly to the required depth without expending any great force. This makes it easy to take samples of media, even those with high density, and every type of highly compacted powders and granulates.

The all-layer drill thus allows you to take a representative sample through all the layers, even with greatly compressed media. It is ideal for larger containers, mixed containers, big bags, etc. in the building materials, chemical, pharmaceutical, food and luxury items industries.

- ▶ Stainless steel AISI 316L (1.4404)
- ▶ 25-mm diameter



All-layer drill

Material	Total length cm	Insertion depth mm	No. of openings	Chamber volume ml	Price €	Item no.
AISI 316L	150	1355	5	260		5310-0150 N4

Accessories

Description	Price €	Item no.
Cleaning brushes 25 mm dia., length 1000 mm		5304-0100 N4

Core Sampler



The core sampler can be used to take samples of bulk materials which can easily become stuck or settle during sampling due to their particle form. In comparison to standard all-layer samplers for bulk materials, the two-part core sampler has no gap dimensions in which the medium can become stuck while it is being removed. This makes it possible to take a proper sample of powders and granulates through multiple layers, for example glass balls or metal powders. Depending on the size, the stainless steel sampler can be used for a wide range of different containers, for example big bags or small containers. The bulk material sampler takes a representative core sample and is ideal for use in various laboratory and industrial applications.

- ▶ Stainless steel AISI 316
- ▶ For bulk materials that become stuck or settle easily
- ▶ Scope of delivery: Core sampler (consisting of boring rod and boring tube), fixing clip

Core Sampler

Length mm	Dia. mm	Volume ml	Price €	Quantity scale from	Scale price €	Item no.
200	15	15		10		5310-0001 N4
400	25	110		10		5310-0002 N4
800	25	230		10		5310-0003 N4

All-layer-scratcher



The scratcher is a special sampler for powders and granules that do not flow freely.

The sample is transferred to the closable inner tube using a scraper. Sliding PTFE separators are used to divide the inner tube into different zones. The separators also prevent the sample from being mixed.

- ▶ For caked bulked goods
- ▶ Zones can be varied due to moveable PTFE separators
- ▶ Made of stainless steel AISI 316L (1.4404) and PTFE

All-layer-scratcher				
Dia. mm	Length mm	Chamber volume ml	Price €	Item no.
25	1000	180		5351-1000 N2
Accessories				
Description	Price €	Item no.		
Cleaning brushes 25 mm dia., length 100 cm		5304-0100	N4	

Scratcher | for non-pourable substances



The scratcher has particularly been designed for sampling cohesive, caked and not free-flowing substances.

- ▶ Stainless steel AISI 316L (1.4404)
- ▶ Total length 1000 mm
- ▶ 25 mm Ø

Use

1. Insert the closed lance into the sample.
2. Open the inner tube by turning the sample chamber when at the required depth.
3. Turn the scratcher by 360° in the sample, the scraper directs the caked material into the sample chamber.
4. Close the sample chamber.

Scratcher				
Chamber volume ml	Flute length mm	Outer dia. with scraper mm	Price €	Item no.
5	22	32		5347-0005 N2
10	45	32		5347-0010 N2
25	110	32		5347-0025 N2

PowderProof® | mobile powder sampling

Quality assurance starts with the inspection of incoming goods! An all-layer sample of bulk goods is no longer a problem with PowderProof®, the sampler for powders and granules.

PowderProof® is the practically proven professional solution for mobile sampling of powders and granules. Different lances and augers can be attached to the robust drive unit and swapped without any problems. This modular design makes PowderProof® a versatile instrument for sampling powders and granules from drums, barrels, bags or sacks.

Safe and reliable sampling is made even easier with useful accessories such as basket-enclosed bottles, sample bags and close-it control seals (see page 78).

PowderProof® with lance for horizontal use, such as sampling from sacks, with lance for vertical use, for sampling from open containers such as barrels, drums or bags.



PowderProof® | mobile powder sampling



- ▶ Many uses
- ▶ Stainless steel AISI 316L (1.4404)/AISI 301 (1.4310)
- ▶ Incl. motor, two rechargeable batteries, fast charger, lance, spiral screw, bags, clip for holding the bag and cleaning brush
- ▶ Additional spiral screws available as accessory



Use

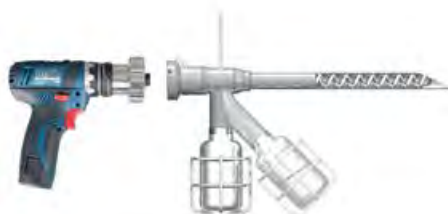
1. The lance is inserted into the sack/container with the spiral screw rotating.
2. The powder or granules are immediately transported through the lance and filled directly into a sample bag or bottle at the lance outlet.

PowderProof®

Model	Lance	Insertion depth mm	Price €	Item no.
for powders up to 2 mm dia.	horizontal	300		5302-0302 N2
for powders up to 2 mm dia.	vertical	600		5302-0602 N2
for powders up to 2 mm dia.	vertical	900		5302-0902 N2
for powders up to 2 mm dia.	vertical	1200		5302-1202 N2
for granules from 2 up to 4 mm dia.	horizontal	300		5302-0301 N2
for granules from 2 up to 4 mm dia.	vertical	600		5302-0601 N2
for granules from 2 up to 4 mm dia.	vertical	900		5302-0901 N2
for granules from 2 up to 4 mm dia.	vertical	1200		5302-1201 N2

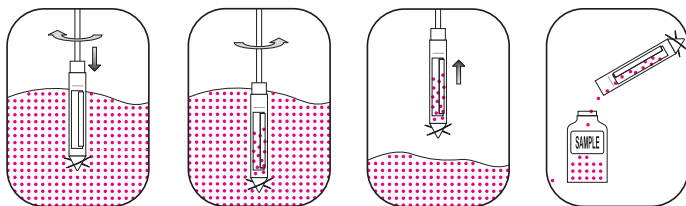
Accessories

Description	Price €	Item no.
Spiral screw for PowderProof® for powders up to 2 mm dia., for 300 mm		5302-0316 N2
Spiral screw for PowderProof® for powders up to 2 mm dia., for 600 mm		5302-0616 N2
Spiral screw for PowderProof® for powders up to 2 mm dia., for 900 mm		5302-0916 N2
Spiral screw for PowderProof® for powders up to 2 mm dia., for 1200 mm		5302-1216 N2
Spiral screw for PowderProof® for granules 2 - 4 mm dia., for 300 mm		5302-0317 N2
Spiral screw for PowderProof® for granules 2 - 4 mm dia., for 600 mm		5302-0617 N2
Spiral screw for PowderProof® for granules 2 - 4 mm dia., for 900 mm		5302-0917 N2
Spiral screw for PowderProof® for granules 2 - 4 mm dia., for 1200 mm		5302-1217 N2
Transport case LxWxH 123x25x11 cm (not for 1200 mm)		3600-2120 N4
Sampling bottle LDPE 500 ml		0318-0500 N3
Sampling bottle LDPE 1000 ml		0318-1000 N3
Basket for sample bottles 500 ml, Ø 84 mm, incl. holding ring		5302-2055 N2
Basket for sample bottles 1000 ml, Ø 100 mm, incl. holding ring		5302-2105 N2
Clamp for sampling bags, Ø 25		5338-0001 N2
Packaging bags with closure, 220x160 mm, 1000 ml, 100 pieces		2348-0006 N3



PowderProof® for horizontal and vertical use

SiloDrill | for sampling from silo vehicles



If bulk goods are transported over long distances (in trucks, railway goods wagons), separation may occur. Taking the sample just from the surface therefore leads to the wrong result.


Representative samples from all layers of the silo can be taken with the SiloDrill. The SiloDrill fits through all standard openings with its diameter of 90 mm.

- ▶ Of stainless steel AISI 304 (1.4301) or aluminium
- ▶ Standard length 150 cm, extendable in increments of 100 cm, max. 350 cm
- ▶ Sprung inner tube prevents jamming of coarse grains
- ▶ Scraper edge for cohesive substances
- ▶ Sturdy, removable T-handle
- ▶ Drill tip with drilling blades for easy boring
- ▶ Easy removal of the sample chamber, simple cleaning



SiloDrill

Material	Total length cm	Spiral screw dia. mm	Chamber dia. mm	Volume ml	Price €	Item no.
aluminium	150	90	40	400		5301-1000 N4
AISI 304	150	90	40	400		5301-2000 N4


Accessories

Description	Price €	Item no.
SiloDrill extension AISI 304, 100 cm		5301-0500 N4
Transport case LxWxH 123x25x11 cm		3600-2120 N4



Silo sampler SiloPicker







The SiloPicker is ideal for taking bulk goods samples from silos. Using the extension rods, samples can be taken from depths down to 3.5 m. The insertion depth depends on the density of the bulk goods.

► Stainless steel AISI 316L (1.4404)

Use

1. Insert SiloPicker into the bulk goods. When this is done, the closure sleeve automatically closes the collection container.
2. When the sampling depth has been reached, the closure sleeve is opened by gently pulling back the SiloPicker, the sampling container is filled.
3. Pull out the SiloPicker and empty it.



Silo sampler SiloPicker				
				
				
Chamber volume ml	Length cm	Outer dia. mm	Price €	Item no.
100	130	50		5340-1100 N4
Accessories				
Description			Price €	Item no.
SiloPicker extension 50 cm				5380-0508 N4
SiloPicker extension 100 cm				5380-1008 N4
Transport case LxWxH 123x25x11 cm				3600-2120 N4

Novartos | pharma zone sampler for sampling according to FDA guidelines for unit-dose sampling

Novartos the Pharma zone sampler for sampling according to FDA guidelines for Unit-Dose-Sampling. It is now possible to withdraw a double- or triple-sample without inserting the lance repeatedly into the bulk material. Mixing is mainly prevented in this way. One significant advantage of Novartos is the easy cleaning. Complete filling and emptying of sample chambers has been improved substantially using computer-optimised geometry. There are no crevices or dead spaces where sampling residues can collect.

- ▶ Novartos Multi enables all-layer samples
- ▶ Novartos Uno for targeted sampling
- ▶ The sample inserts fit precisely and can easily be replaced
- ▶ Inserts are available in volumes from 0 to 2.0 ml (Novartos Multi) from 0 to 4.0 ml (Novartos Uno), (alternative sample volumes in increments of 0.1 ml on request)
- ▶ The insertion depths can easily be read from the laser-engraved depth scale
- ▶ Stainless steel AISI 316L (1.4404) / AISI 316Ti (1.4571)
- ▶ Groove-free and electro-polished
- ▶ 25 mm Ø



Novartos Multi

The Novartos Multi has 14 sample chambers for up to seven sample zones for an all-layer sample.



Novartos Multi

Model	Length mm	Price €	Item no.
without inserts, with rounded head	1000		5358-1000 N4

Accessories

Description	Price €	Item no.
Inserts for Novartos Multi capacity 0 ml		5358-0000 N4
Inserts for Novartos Multi, capacity 0.5 ml		5358-0005 N4
Inserts for Novartos Multi, capacity 1 ml		5358-0010 N4
Inserts for Novartos Multi capacity 1.5 ml		5358-0015 N4
Inserts for Novartos Multi, capacity 2 ml		5358-0020 N4

Accessories

Description	Price €	Item no.
Transport case LxWxH 123x25x11 cm		3600-2120 N4
Novartos head (not rounded)		5358-1011 N4

Novartos | pharma zone sampler for sampling according to FDA guidelines for unit-dose sampling



Novartos was developed in cooperation with a multinational operating Pharmaceutical/chemical group in Basel/Switzerland.



Please order inserts separately!

Novartos Uno sampler with two or three sample chambers, for one sample zone.

Novartos Uno

Model	Length mm	Number of collection chambers	Price €	Item no.
without inserts, with rounded head	600	2		5358-0600 N4
without inserts, with rounded head	1000	2		5358-1001 N4
without inserts, with rounded head	1400	2		5358-1400 N4
without inserts, with rounded head	600	3		5358-0630 N4
without inserts, with rounded head	1000	3		5358-1030 N4
without inserts, with rounded head	1400	3		5358-1430 N4

Accessories

Description	Price €	Item no.
Inserts for Novartos Uno, capacity 0 ml		5358-0100 N4
Inserts for Novartos Uno, capacity 0.5 ml		5358-0105 N4
Inserts for Novartos Uno, capacity 1 ml		5358-0110 N4
Inserts for Novartos Uno, capacity 2 ml		5358-0120 N4
Inserts for Novartos Uno, capacity 3 ml		5358-0130 N4
Inserts for Novartos Uno, capacity 4 ml		5358-0140 N4

Accessories

Description	Price €	Item no.
Transport case LxWxH 123x25x11 cm		3600-2120 N4
Novartos head (not rounded)		5358-1011 N4

Unit-Dose-Sampling

During powder separation checks and purity validations of powders, liquids and semi-solid substances, special procedures (unit-dose-sampling) must be employed to achieve the desired results.

Special sampling methods, which are required especially in the pharmaceutical industry in conformance with FDA and GMP specifications, require samplers with special features.

- High degree of preciseness
- Groove-free surfaces, electro-polished if possible
- AISI 316 stainless steel or PTFE materials
- Sterilisable
- Easy and perfect cleaning

Many Bürkle Samplers fulfill these demands, have been tested in actual practice, and are distinguished by especially sturdy and precise machining.

Novartos is a pharma zone sampler for unit-dose sampling:

- For various sampling depths with simultaneous double sample or triple sample (Duo-Sampler or Triple-Sampler).
- Precise volume calibration with 40 exchangeable sample inserts with volumes from 0.1 ml to 4.0 ml, in increments of 0.1 ml.



Novartos double-sample



Novartos triple-sample

MicroSampler | useful for taking small samples, sterilisable



Use

1. Insert MicroSampler into powder.
2. At the predetermined point, open the volume tip by pressing the button, the sample flows in.
3. Close the volume tip, the sample is collected.
4. Pull back the lance, open the volume tip again, empty the sample.



The MicroSampler has especially been designed for the sampling of small quantities of powder.

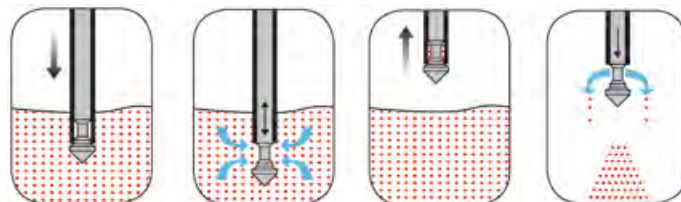
Volumes of 0.2 ml, 0.5 ml, 1.0 ml, 2.0 ml, 5.0 ml and 10 ml can be sampled easily, quickly and cleanly from different sampling depths from sacks or containers.

The tips of the MicroSampler are interchangeable. This means that tips with different volumes can be used.

- Point sampling
- Various lengths and volumes are available
- Tip can be removed, easy cleaning
- Stainless steel AISI 316L (1.4404)
- Sterilisable
- Additional tips are available in different sizes



Please order head separately!



MicroSampler

Tube Ø mm	Length cm	Model	Price €	Item no.
12	55	without head		5307-1055 N4
12	85	without head		5307-1085 N4
12	120	without head		5307-1120 N4
25	55	without head		5307-2055 N4
25	85	without head		5307-2085 N4
25	120	without head		5307-2120 N4



Accessories

Description	Price €	Item no.
MicroSampler heads fits tube with 12 mm dia., capacity 0.2 ml		5307-0102 N4
MicroSampler heads fits tube with 12 mm dia., capacity 0.5 ml		5307-0105 N4
MicroSampler heads fits tube with 12 mm dia., capacity 1 ml		5307-0110 N4
MicroSampler heads fits tube with 25 mm dia., capacity 2 ml		5307-0202 N4
MicroSampler heads fits tube with 25 mm dia., capacity 5 ml		5307-0205 N4
MicroSampler heads fits tube with 25 mm dia., capacity 10 ml		5307-0210 N4

PharmaPicker | for sampling very small quantities



For sampling very small quantities of highly potent, expensive or active powders for analysis. The smallest sample quantities from 0.1 ml to 2.5 ml can be collected with the PharmaPicker. By simply exchanging the volume tip in the collection cylinder for 0.1–1.2 ml or 1.25–2.5 ml, the sampling volume is modified.

The PharmaPicker has a length of 60 cm and can be extended repeatedly by 50 cm or 100 cm, maximum length 3.50 m. The PharmaPicker is available separately or as PharmaPicker Case in a handy transport box.


PharmaPicker Case consisting of: Collection cylinders in both sizes, extension rod 50 cm and 100 cm, handle, volume tips 0.4 ml, 0.6 ml, 0.8 ml, 1.0 ml, 1.2 ml, 1.4 ml, 1.8 ml, 2.0 ml, 2.3 ml and 2.5 ml (alternative sample volumes on request), transport box.

Use

1. Insert the required volume tip into the collection cylinder.
2. Insert the PharmaPicker, the disc sleeve closes the collection cylinder automatically.
3. The disc sleeve opens the collection cylinder at the required point, and the desired sample is collected.
4. Withdraw the PharmaPicker completely.
5. Empty the sample directly from the collection cylinder into the analysis container.



- ▶ Stainless steel AISI 316L (1.4404)
- ▶ Electro-polished

 Please order lance and head separately!

PharmaPicker

Model	Price €	Item no.
with collection cylinder for 0.10–1.20 ml, without head		5346-1000 N2
with collection cylinder for 1.25–2.50 ml, without head		5346-2000 N2
Case, completely		5346-0010 N2

Accessories

Description	Price €	Item no.
Volume heads for PharmaPicker, capacity 0.10 ml		5346-1010 N2
Volume heads for PharmaPicker, capacity 0.20 ml		5346-1020 N2
Volume heads for PharmaPicker, capacity 0.60 ml		5346-1060 N2
Volume heads for PharmaPicker, capacity 1.00 ml		5346-1100 N2
Volume heads for PharmaPicker, capacity 2.00 ml		5346-2200 N2
Volume heads for PharmaPicker, capacity 2.50 ml		5346-2250 N2

Accessories


Description	Price €	Item no.
Extension rod PharmaPicker 500 mm		5380-0506 N4
Extension rod PharmaPicker 1000 mm		5380-1006 N4
Collection cylinder for 0.10–1.20 ml, without volume head		5346-1001 N2
Collection cylinder for 1.25–2.50 ml, without volume head		5346-2001 N2

PharmaSpoon | for ultrapure sampling



PharmaSpoon for taking samples of powdery substances, intermediate products and material in the pharmaceutical industry. Special materials with excellent surface qualities must be used for this to prevent cross-contamination. Our PharmaSpoon fulfils these requirements. Made of stainless steel AISI 316L (1.4404), surface highly polished by hand (not electro-polished!). The excellent surface properties of the PharmaSpoon provide significant advantages.

- ▶ Possible residues are even visible in the trace sector (μg sector)
- ▶ The surface is easy to clean
- ▶ The PharmaSpoon is also suitable for sterile sampling

 The PharmaSpoon was developed by an internationally known pharmaceutical company in Basel, Switzerland, and its usefulness has been confirmed in actual practice.

PharmaSpoon

Total length mm	Price €	Quantity scale from	Scale price €	Item no.
650		5		5324-0001 N2




StickProof



Sampler for powder in the pharma area, made of stainless steel AISI 316L, material 1.4404. The especially slender tip can be inserted easily and deeply in order to take the sample. The conical inlet of the tip allows the collection of either very small or larger quantities. StickProof is constructed in one piece without edges, grooves or crevices for perfect and easy cleaning. The sample can be filled directly into the sampling bag from the outlet end. Fasten the bag with a sturdy clamp.

- ▶ Surface electro-polished
- ▶ Various sample quantities up to approx. 50 ml
- ▶ Incl. clamp and 100 PE sampling bags 120x170 mm

 Corresponds to ISTA standard for seed lengths of 10 mm (wheat, oats) and 5 mm (flax, vetches).

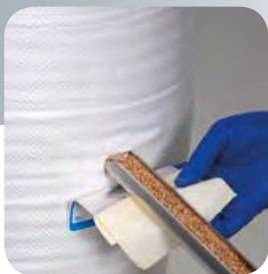
StickProof

Length mm	Dia. mm	Price €	Quantity scale from	Scale price €	Item no.
410	25		5		5338-0410 N4
1100	25		5		5338-1100 N4

Accessories

Description	Price €	Item no.
Clamp for sampling bags, Ø 25		5338-0001 N2
Packaging bags with closure, 170x120 mm, 400 ml, 100 pieces		2348-0005 N3
close-it control seals see page 78		

Sampling lance Milky | acc. to EN ISO 707



- ▶ Stainless steel AISI 316L (1.4404)
- ▶ Insertion depth 385 mm
- ▶ Total length 480 mm
- ▶ Outer diameter approx. 28 mm

Universal powder and granules sampler made of stainless steel AISI 316L (1.4404). Developed initially for milk powder samples, conforms to standards of DIN and IDF (International Dairy Federation). The collector is inserted into bags or casks and the sample is removed using a semi-circular profile lance.



close-it seals and close-it food lock seals ensure non-leak closure of the insertion point in bags and BigBags. See page 78

Sampling lance Milky

Volume ml	Price €	Quantity scale from	Scale price €	Item no.
150		5		5321-0300 N4

Sampler Tubus



Sampler for pourable bulk goods up to approx. 1 cm in diameter. This makes it possible, for example, to remove hazel nuts, blends of tea, grain or similar items from large sacks.

- ▶ Also for coarse-grained bulk goods
- ▶ Made of stainless steel AISI 316L (1.4404)
- ▶ Special geometry of the tip

i Corresponds to ISTA standard for seed lengths of 10 mm (wheat, oats) and 5 mm (flax, vetches).

Use

1. Insert Tubus into a sack to the desired sampling depth, while keeping the collection tube closed using your hand.
2. When you remove your hand, the sample flows directly through the open tube into the container or sampling bag beneath it.

Sampler Tubus

Length cm	Dia. mm	Price €	Quantity scale from	Scale price €	Item no.
40	40	10			5382-0040 N4
80	40	10			5382-0080 N4

Accessories

Description

close-it food & pharma control seals see page 80

QuickPicker | collects samples quickly and channels them directly into the sampling bottle



The core sampler QuickPicker is particularly suitable in the event that bulk goods are taken directly from sacks or bags and have to be filled into the original sampling bottle directly. QuickPicker is uncomplicated in its use and cleaning. No undercuts or edges mean no sample residues which could falsify subsequent samples. It is therefore ideal for quality control.

The sampler QuickPicker is delivered complete with two 250 ml PE sample bottles and with a cleaning brush.



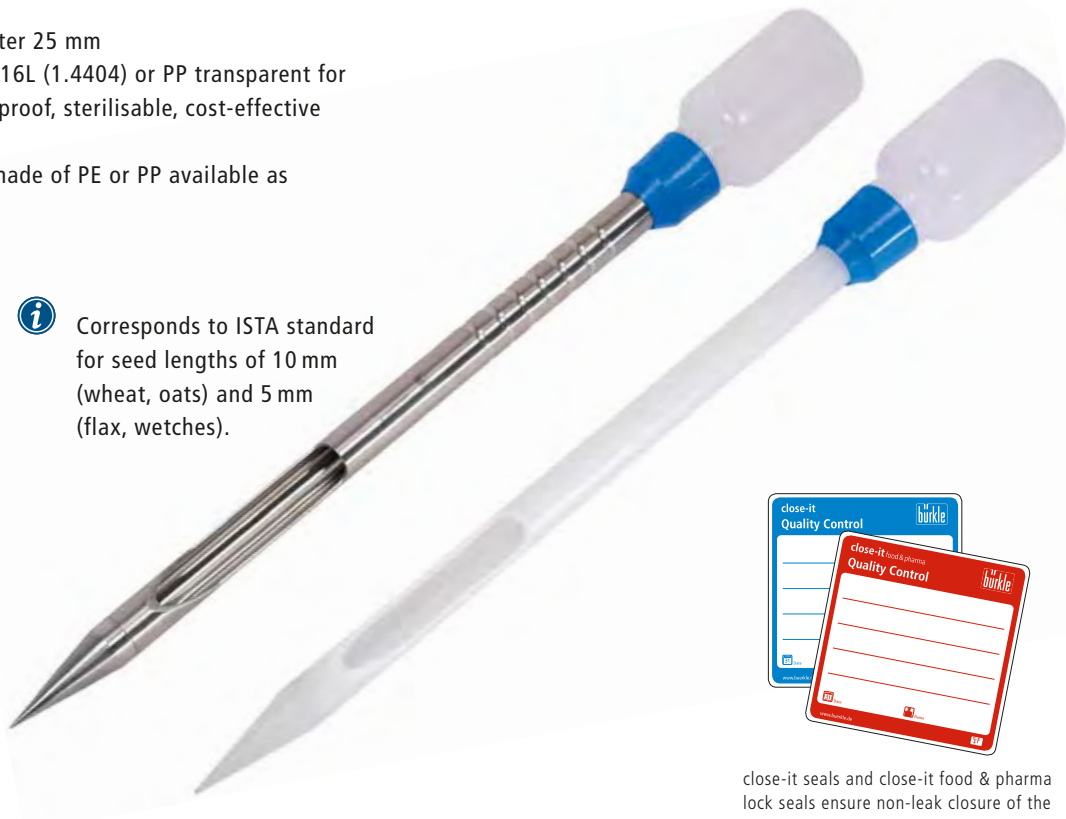
QuickPicker | collects samples quickly and channels them directly into the sampling bottle

- ▶ Insertion depth 30 cm, diameter 25 mm
- ▶ Made of stainless steel AISI 316L (1.4404) or PP transparent for aggressive chemicals, scratchproof, sterilisable, cost-effective
- ▶ Removable tip, easy cleaning
- ▶ Additional sampling bottles made of PE or PP available as accessories



QuickPicker AISI 316L in use

i Corresponds to ISTA standard for seed lengths of 10 mm (wheat, oats) and 5 mm (flax, wetches).



close-it seals and close-it food & pharma lock seals ensure non-leak closure of the insertion point in bags and BigBags. See page 78.

QuickPicker

Material	Insertion depth mm	Total length cm	Volume ml	Price €	Quantity scale from	Scale price €	Item no.
AISI 316L	300	50	75		5		5322-1300 N4
PP, transparent	300	50	75		5		5322-0300 N4

Accessories

Description	Price €	Item no.
Sampling bottle LDPE, 250 ml		0318-0250 N3
Sampling bottle PP, 250 ml		0319-0250 N3
Transport case for QuickPicker		3600-3000 N3
close-it control seals see page 78		

close-it control seal | essential for sampling bulk goods

- ▶ The labels are supplied in handy rolls
- ▶ The cross perforations allow each label to be separated from the roll individually
- ▶ close-it – standard size 95 x 95 mm
- ▶ close-it Maxi – 150 x 150 mm, for larger holes or longer tears in containers



close-it control seal | essential for sampling bulk goods

Taking samples from sacks, boxes, bags, etc. with sampling lances is a common and time-proven practice. This produces holes through which easily flowing bulk goods could escape from the container. With the close-it seal, this can be prevented in an uncomplicated manner.

close-it has been especially developed for this purpose. The label has a sandwich-type structure (aluminium/paper) and seals the container hermetically (vapour barrier). This virtually prevents hygroscopic powders from clumping together. The label is not just used to provide a hermetic seal. It is also used for providing quality control information (sampling date, release yes/no, name of tester, etc.).

The labels are available in different colours. With printing in red, blue, green, yellow, black, neutral, without printing in white.

close-it can be written on with ball-point pen, pencil or felt-tip marker.

The rear of the label is coated with a powerful adhesive. This means that close-it sticks firmly to most commercial containers, even to surfaces coated with fine powder, slightly moist or even frozen surfaces where conventional labels or adhesive tape will not stick.



Control seal close-it 95x95

Colour	Model	W x H mm	Pieces per roll	Price €	Quantity scale from	Scale price €	Item no.
red	printed	95 x 95	500		10		5303-0012 N4
yellow	printed	95 x 95	500		10		5303-0014 N4
blue	printed	95 x 95	500		10		5303-0015 N4
green	printed	95 x 95	500		10		5303-0016 N4
black	printed	95 x 95	500		10		5303-0011 N4
white	unprinted	95 x 95	500		10		5303-0002 N4

Accessories

Description	Price €	Item no.
close-it dispenser for labels with 95 x 95 mm		5303-9000 N4

Control seal close-it maxi 150x150

Colour	Model	W x H mm	Pieces per roll	Price €	Quantity scale from	Scale price €	Item no.
red	printed	150 x 150	250		10		5303-1012 N4
yellow	printed	150 x 150	250		10		5303-1014 N4
blue	printed	150 x 150	250		10		5303-1015 N4
green	printed	150 x 150	250		10		5303-1016 N4
black	printed	150 x 150	250		10		5303-1011 N4
white	unprinted	150 x 150	250		10		5303-1002 N4

Accessories

Description	Price €	Item no.
close-it dispenser for labels with 150 x 150 mm		5303-9100 N4

Control seal close-it food & pharma

In response to numerous requests from our customers, we have developed close-it food & pharma, a control seal with an adhesive approved for use with foodstuffs. The strength of the adhesive is almost as powerful as that of the original, the close-it from Bürkle, proven millions of times. close-it food & pharma also reliably prevents products from leaking out after sampling.

The adhesive complies with the European guidelines for foodstuffs. Just like the original, close-it food & pharma has a barrier layer of aluminium foil. This means that close-it food & pharma is suitable for sampling foodstuffs, pharmaceuticals, cosmetics, food additives, even frozen goods – in short, for all applications in which cleanliness is particularly important.

- According to FDA Guidelines
- Particularly suited for the food and pharma industry



Control seal close-it food & pharma 95x95

Colour	Model	W x H mm	Pieces per roll	Price €	Quantity scale from	Scale price €	Item no.
red	printed	95 x 95	500		10		5303-2017 N4
yellow	printed	95 x 95	500		10		5303-2020 N4
blue	printed	95 x 95	500		10		5303-2021 N4
green	printed	95 x 95	500		10		5303-2022 N4
black	printed	95 x 95	500		10		5303-2023 N4
white	unprinted	95 x 95	500		10		5303-2018 N4

Accessories

Description	Price €	Item no.
close-it dispenser for labels with 95 x 95 mm		5303-9000 N4

Control seal close-it food & pharma Maxi 150x150

Colour	Model	W x H mm	Pieces per roll	Price €	Quantity scale from	Scale price €	Item no.
red	printed	150 x 150	250		10		5303-3017 N4
yellow	printed	150 x 150	250		10		5303-3020 N4
blue	printed	150 x 150	250		10		5303-3021 N4
green	printed	150 x 150	250		10		5303-3022 N4
black	printed	150 x 150	250		10		5303-3023 N4
white	unprinted	150 x 150	250		10		5303-3018 N4

Accessories

Description	Price €	Item no.
close-it dispenser for labels with 150 x 150 mm		5303-9100 N4



close-it^{tape}

- ▶ Customizable
- ▶ Different designs
- ▶ For larger holes or longer tears in containers



Besides the individually detachable close-it and close-it food & pharma closure labels, our repeatedly tested and proven control seal is now also available on a continuous roller. This helps you discover whether you require only a small piece, for example for closing a small hole, or for marking a specific point. Or whether you want to repair a long crack or a large hole quickly, reliably and easily.

With its extremely strong adhesive strength, close-it^{tape} tape holds on the most diverse bases, where the glue effect of normal adhesive tape quickly reaches its maximum capacity.

For universal use, we have kept the adhesive tape close-it^{tape} tape in white with tear-off lines. It can be labelled with permanent ink and locks gas-proof. Available in the classic close-it^{tape} design, as well as close-it^{tape} food & pharma, with a food-compatible adhesive.

close-it^{tape}

Width mm	Model	Length m	Price €	Quantity scale from	Scale price €	Item no.
95	standard	50		10		5303-0017 N4
150	standard	50		10		5303-1017 N4
95	food & pharma	50		10		5303-2019 N4
150	food & pharma	50		10		5303-3019 N4

Accessories

Description	Price €	Item no.
close-it dispenser for labels with 95 x 95 mm		5303-9000 N4
close-it dispenser for labels with 150 x 150 mm		5303-9100 N4

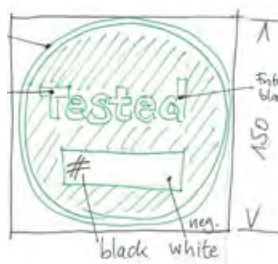
close-it | with individual customer-specific special printing

Custom-made according to the customer's specifications

The close-it control seal has many satisfied users who use close-it as a control seal, for documentation or as an informative label.

Your individual close-it

We would be happy to help you design your own close-it. Do you need final artwork for your draft? Or would you like to use our complete graphics service from draft stage through the print process? Our advertising department would be happy to consider any challenge!



Your idea



Our draft



Finishing and print



Your close-it label

Shape and colour

Round, square, rectangular or other shape? Unusual contours can also be implemented! We would be pleased to provide you with a quote. Of course print is available in all colours, with either single or multiple colours.

Finishing

close-it can be manufactured with or without carrier paper perforations. Different numbers of close-it labels can be supplied in a single roll.



seal-it security seal | for retention samples and tamper-proof packs



- ▶ Clear identification via numbers in sequence
- ▶ Integrated control label with the same number, for accompanying documents
- ▶ Format 178 mm long, 30 mm wide
- ▶ Tear-off perforation for each label

Retention samples are kept to provide a sample for comparison at a later date. The unambiguous proof that the retention sample is identical to the original sample is only possible with clearly marked and sealed containers. However, sealing is frequently not possible unless eyelets are present.

seal-it provides the solution! The seal-it self-adhesive label sticks to all conventional containers. Thanks to its unbelievable adhesive power it cannot be removed.

If a container opening is closed with seal-it, then the container cannot be opened without destroying the seal-it label. seal-it is additionally provided with several cross-perforations which immediately tear when manipulated like a motorcar tax disc.

seal-it can be used to securely seal bottles, sample bags, sacks, specimen bags, envelopes, etc. – in principle any type of container. The aluminium foil adapts seal-it to any container shape. The white labelling field on seal-it can be written on with all conventional writing tools with, for example, contents information, sampling date, name of operator, etc.

close-it dispenser



The close-it dispenser ensures safe storage and simple removal of the labels. The labels can be conveniently written on due to the marking plate.

- ▶ For close-it standard size 95 x 95 mm or close-it Maxi 150 x 150 mm

close-it dispenser



Model	Price €	Item no.
for labels with 95 x 95 mm		5303-9000 N4
for labels with 150 x 150 mm		5303-9100 N4

seal-it security seal

Length mm	Width mm	Colour	Pieces per roll	Price €	Quantity scale from	Scale price €	Item no.
178	30	red	500		5		5399-0003 N4

Tamper proof labels safe-it

The safety label safe-it is used as originality seal and as protection from manipulations of e.g. samples, retention samples, for transporting samples, sealing containers with important or dangerous chemicals in the lab as well as sealing letters, shipments and much more.

The initial opening of a package is made obvious and irrevocably visible with the seal guaranteeing originality, unauthorised opening can therefore be proven.

If the safety label is removed, it divides into separate layers. A pattern that was previously hidden appears on the surface and is irreversible. The glue leaves a residue on the surface that cannot be removed (a so-called void label). Once the label has been removed, it cannot be used again. Changing the label or modifying it afterwards are therefore not possible.

When the safe-it security seal has been broken, a silver checker-board pattern appears on both the subsurface and surface of the sticker itself.

- ▶ With checkerboard pattern
- ▶ Visible proof of tampering



Tamper proof labels safe-it

W x H mm	Pieces per roll	Price €	Quantity scale from	Scale price €	Item no.
95 x 20	500		5		5303-5000 N4

Accessories

Description	Price €	Item no.
close-it dispenser for labels with 95 x 95 mm		5303-9000 N4

SampleSafe seal | secure your samples



Retained samples must be always secured against falsification and ambiguity in identification. Bottles with sealing eyelets should therefore be secured with SampleSafe seals.

The seals are made of stable polypropylene. The seals are to be uniquely identified with the serial 9-digit number.

The seal ring has a diameter of 2 mm, therefore SampleSafe seals also fit through small eyelets and slits. The seal tape is secured in the closure chamber by a metal insert made of stainless spring steel. The one-way tightening mechanism offers additional security against manipulation. It is not possible to forcibly open or manipulate the closure of the seal without leaving behind clear traces.

- ▶ Clear identification via numbers in sequence
- ▶ 100 seals (10 strips) per pack.
- ▶ Protection against manipulation by stainless steel safety spring.

SampleSafe seal

Length mm	Dia. mm	Colour	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
260	2	red	100		10		5399-2902 N4

Sealable wide-necked bottles



Sturdy bottle with sealing eyelets on the screw cap and the bottle. Particularly suited for sending samples. Seals provide increased sample authenticity. Easy to fill due to wide opening. Particularly suitable for viscous media, powder, granules and pastes.

- ▶ HDPE
- ▶ Leakproof
- ▶ Easy to fill due to wide-necked opening

Sealable wide-necked bottles

Capacity ml	Container dia. mm	Neck dia. inside mm	Height with cap mm	Price €	Quantity scale from	Scale price €	Item no.
250	64	26.5	118		50		0322-0250 N3
500	78	40	147		50		0322-0500 N3
1000	100	50	186		50		0322-1000 N3
2000	120	50	230		50		0322-2000 N3

Accessories

Description	Price €	Item no.
SampleSafe seal, red, 100 pieces		5399-2902 N4

Pigment lance

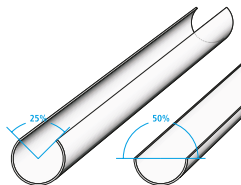


Pigment lance to sample pigments, pastes and agglomerating bulk goods.

- ▶ With half-open flute 50 %, for heavily sticking products
- ▶ With quarter-open flute 25 %, for lightly sticking products
- ▶ Stainless steel AISI 316L (1.4404)
- ▶ 30 mm Ø

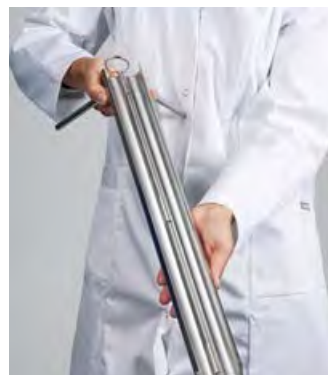
Use

1. Insert the lance to the required depth.
2. Turn the handle, the sample is collected into the open flute.
3. Pull back the lance.
4. Take out the sample.



Pigment lance					
Flute length mm	Flute openings %	Volume ml	Total length mm	Price €	Item no.
300	25	145	432		5369-0300 N4
300	50	85	432		5369-0310 N4
600	25	312	732		5369-0600 N4
600	50	179	732		5369-0610 N4
900	25	480	1032		5369-0900 N4
900	50	273	1032		5369-0910 N4

Valve lance



Sampler for all-layer samples of viscous, paste-like, semi-liquid substances, according to DIN 51750 pt. 3 and DIN EN ISO 15528. Different layers remain intact particularly with paste-like substances.

- ▶ Stainless steel AISI 316L (1.4404)
- ▶ 32 mm Ø
- ▶ Optimised opening mechanism (can be completely disassembled) for easy cleaning

Use

For viscous substances:

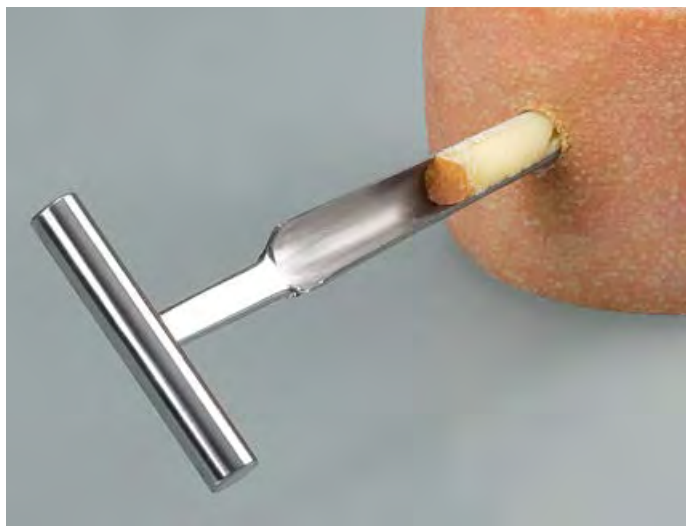
1. The valve lance is inserted all the way to the bottom, whilst being closed.
2. It is opened, closed and pulled out again.

For paste-like substances:

1. The valve lance is inserted all the way to the bottom, whilst being open.
2. It is closed and pulled out again.

Valve lance			
Length mm	Price €	Item no.	
550		5359-1600	N4
800		5359-1800	N4
Accessories			
Description	Price €	Item no.	
Transport case LxWxH 123x25x11 cm		3600-2120	N4

QualiRod conical

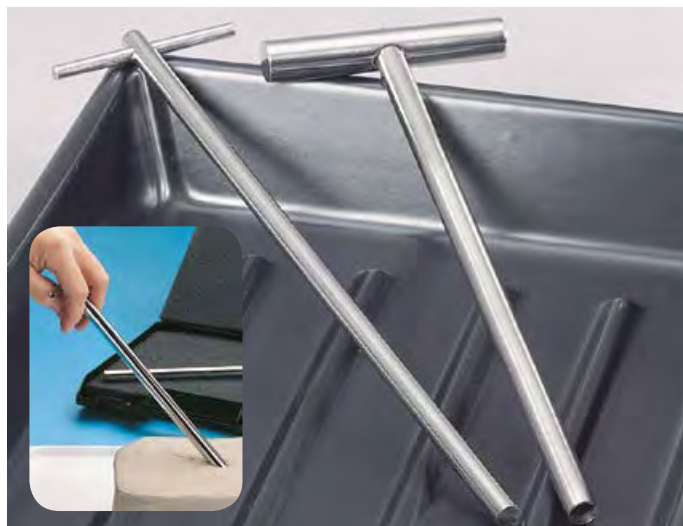


Conical hand-drill, conically shaped, with sharp cutting edges and a solid handle. Ideal for cutting out samples for quality control from soft, paste-like substances (cheese, butter, clay, soap, wax, etc.).

- ▶ Stainless steel AISI 304 (1.4301)
- ▶ Sterilisable
- ▶ According to EN/ISO 707

QualiRod conical				
Drilling depth mm	Price €	Quantity scale from	Scale price €	Item no.
110		5		5311-0001 N4
150		5		5311-0002 N4
Accessories				
Description	Price €			Item no.
Transport case, inner dimensions 258x178x45 mm				3600-0021 N3
Control seal close-it food & pharma control seal see page 80				

QualiRod cylindrical



Cylindrical hollow drill with a sharp cutting edge, can easily be driven into paste-like and semi-solid substances. The samples cut out are subsequently removed with the appropriate push-rod ejector. Total length 260 mm. Inner Ø 8 mm, outer Ø 10 mm.

- ▶ Stainless steel AISI 304 (1.4301)
- ▶ Sterilisable
- ▶ Inner Ø 8 mm, outer Ø 10 mm

QualiRod cylindrical				
Drilling depth mm	Price €	Quantity scale from	Scale price €	Item no.
200		5		5311-0101 N4
Accessories				
Description	Price €			Item no.
Transport case, inner dimensions 258x178x45 mm				3600-0021 N3

Stainless steel spatula



Sample spatula made of stainless steel AISI 316L (1.4404). The highly stable and solid design of the spatula allows it to pierce solid substances or sacks and Big-Bags. The spatula is made of premium stainless steel, high-gloss polished and completely welded, thus completely free of undercuts. It is therefore ideally suited for taking samples of powders, granulates and pasty media, especially in food and pharmaceutical applications.

- ▶ Made completely of stainless steel AISI 316L (1.4404)
- ▶ Very sturdy
- ▶ Easy to clean
- ▶ Autoclavable
- ▶ Can be flame-sterilized
- ▶ High-gloss polished

Stainless steel spatula

Insertion depth mm	Volume ml	Total length mm	Price €	Quantity scale from	Scale price €	Item no.
188	50	300		5		5383-1000 N4

Palette knife spatula



Similar to a pallet or dispensing chemist's spatula, this palette knife spatula is suitable for applying or distributing viscous media such as pastes and creams, or for spreading them smoothly. The high-quality stainless steel spatula is manufactured with no edges or crevices. That makes cleaning easier and prevents product residue and cleaning agents from accumulating.

The spatula has a long, narrow, high-gloss polished blade that facilitates precise work. The sturdy handle fits comfortably in the hand. The laboratory spatula is suitable for use in chemical and pharmaceutical applications.

- ▶ Stainless steel AISI 304 (1.4301)
- ▶ Very sturdy



Palette knife spatula stainless steel

L x W mm	Price €	Quantity scale from	Scale price €	Item no.
200 x 21		10		5386-0010 N4
250 x 25		10		5386-0012 N4

Spatula



Universal instrument for collecting, dividing and mixing pastes, creams etc.

- ▶ Blade made of stainless steel AISI 304 (1.4301)
- ▶ Wooden handle

Spatula

Length mm	Price €	Quantity scale from	Scale price €	Item no.
180		10		5313-0180 N4
300		10		5313-0300 N4

Mini ViscoSampler | for small quantities



Sampler for viscous substances such as pastes, mud, creams, oils. The sample is drawn in using the pump rod and directly conveyed to a sampling container. Easy cleaning for flawless sampling. Depending on the viscosity, the removable suction tip can be fitted with suction drills of 2 mm to 6 mm.

- ▶ Stainless steel AISI 316L (1.4404), piston PTFE
- ▶ Sterilisable
- ▶ Ideal for the pharmaceutical and cosmetics industry
- ▶ Incl. suction tip 2 mm
- ▶ 15 mm Ø

Mini ViscoSampler

Length cm	Chamber volume ml	Price €	Quantity scale from	Scale price €	Item no.
60	30		5		5341-1060 N4
100	50		5		5341-1100 N4
150	75		5		5341-1150 N4

Accessories

Description	Price €	Item no.
Suction heads for Mini ViscoSampler, suction drill 2 mm		5341-1002 N4
Suction heads for Mini ViscoSampler, suction drill 4 mm		5341-1004 N4
Suction heads for Mini ViscoSampler, suction drill 6 mm		5341-1006 N4
Drain safety stand (see page 50)		5618-1000 N4



ViscoSampler | sample collector for medium viscosity substances



ViscoSampler with powerful suction for viscous media. The media is drawn up and discharged using the suction flask. Made of ultra-pure, chemically inert PTFE/FEP for contamination-free sampling. Specially developed for viscous substances such as slurries, silt, wet clay and soil samples, soil sediments, oils, emulsions, creams etc.

Easy cleaning - all surfaces are poreless and without crevices. Dirt accumulation is prevented. Only round screw threads tried and tested in the field of food hygiene are used. Disassembly and cleaning are extremely simple.



QualiSampler set

The handy set, which comes complete with carrying case, combines the LiquiSampler and the ViscoSampler with practical accessories.

Models in PP or PTFE/FEP.

- ▶ QualiSampler set consisting of:
- ▶ LiquiSampler, 100 cm
- ▶ ViscoSampler, 100 cm
- ▶ Case, five bottles, cleaning brush

QualiSampler set

Material	Price €	Item no.
PP		5330-1000 N4
PTFE / FEP		5330-1001 N4

ViscoSampler

Material	Volume ml	Immersion depth cm	Dia. mm	Price €	Item no.
PP, transparent	160	60	32		5331-1060 N4
PP, transparent	300	100	32		5331-1100 N4
PP, transparent	650	200	32		5331-1200 N4
PTFE/FEP, transparent	160	60	32		5331-2060 N4
PTFE/FEP, transparent	300	100	32		5331-2100 N4
PTFE/FEP, transparent	650	200	32		5331-2200 N4

Accessories

Description	Price €	Item no.
Cleaning brushes 25 mm dia., length 100 cm		5304-0100 N4
Drain safety stand (see page 50)		5618-1000 N4

LiquiSampler | sample collector for liquids



LiquiSampler for liquids, according to DIN EN ISO 15528. Made of ultra pure and chemically inert PTFE/FEP or PP for contamination-free sampling.

Sampling from open and closed containers, barrels, tanks, silos, water courses. Suitable for all commercially available barrels and containers with opening of at least 32 mm in diameter.

Easy cleaning - all surfaces are free of pores and crevices, preventing accumulation of dirt. Only round screw threads proven in foodstuffs hygiene are used. Disassembly and cleaning are extremely simple.

- ▶ Practical one-handed use at the push of a button
- ▶ With scraping ring for marking of depth and cleaning
- ▶ Transparent
- ▶ Available in PTFE/FEP or PP transparent
- ▶ Point sampling, all-layer sampling and bottom sampling possible

Use

All-layer sample

1. Slowly insert the LiquiSampler into the liquid with the button pressed.
2. Release the push-button, the valve closes.
3. Withdraw the lance and take out the sample.

Point sampling/bottom sample

1. Insert the LiquiSampler to the targeted point/to the ground with closed valve.
2. Press the button - the liquid flows in.
3. Release the push-button, the valve closes.
4. Pull out the LiquiSampler, take out the sample.



LiquiSampler

Material	Volume ml	Immersion depth cm	Dia. mm	Price €	Item no.
PP, transparent	150	60	32		5330-1060 N4
PP, transparent	250	100	32		5330-1100 N4
PP, transparent	500	200	32		5330-1200 N4
PTFE/FEP, transparent	150	60	32		5330-2060 N4
PTFE/FEP, transparent	250	100	32		5330-2100 N4
PTFE/FEP, transparent	500	200	32		5330-2200 N4

Accessories

Description	Price €	Item no.
Cleaning brushes 25 mm dia., length 100 cm		5304-0100 N4

Dip Sampler, plunging siphon



Dip sampler for simple removal of liquid samples. Good view due to transparent tubes. Upper end with reflux valve, lower end with ball valve.

- ▶ PP, transparent
- ▶ Dip sampler, item no. 5315-0200, steplessly extendable from 100 cm to 200 cm
- ▶ All-layer and point sampling possible



Use

All-layer sample

1. Insert the dip sampler slowly into the liquid with the valve open.
2. Close valve.
3. Pull the dip sampler back and take out the sample.

Point sample/bottom sample

1. Insert the dip sampler to the targeted point/to the ground with closed valve.
2. Open the valve - the liquid flows in.
3. Close the valve.
4. Pull out the dip sampler, take out the sample.



Dip Sampler, plunging siphon

Volume ml	Immersion depth cm	Tube Ø mm	Price €	Quantity scale from	Scale price €	Item no.
140	50	25		5		5315-0050 N4
280	100	25		5		5315-0100 N4
500	100 - 200	25		5		5315-0200 N4



Disposable plunging siphon



If strongly adhesive liquids are sampled, it can be a lot less expensive to dispose of the sampler than to carry out a complicated cleaning process.

The disposable dip sampler were developed especially for this purpose. They are made of PE, transparent and the contents are easily visible. PE provides a surface that resists adhesion of the sample material, minimising sample retention on the dip sampler.

Use

1. Insert the dip sampler into the liquid and fill it.
2. Close the thumbhole above the handle using your thumb.
3. Take out the dip sampler and empty the liquid into the sample bottle.

Disposable plunging siphon

Volume ml	Immersion depth cm	Total length cm	Tube Ø mm	Price €	Quantity scale from	Scale price €	Item no.	
75	35	50	27		12		5387-0050	N4
175	60	75	27		12		5387-0075	N4
275	85	100	27		12		5387-0100	N4

PTFE Scoop



All parts coming into contact with the sample medium are made of pure white PTFE. Completely inert against all substances (with the exception of elementary fluoride). The rod is stabilised with a steel core which is completely encapsulated in PTFE. The 60 cm long rod can be extended to 120 cm by adding another component. The scoop PTFE with 10 ml has a strong rod with a length of 155 mm.

PTFE Scoop

Capacity ml	Dia. mm	Height mm	Price €	Item no.	
10	25	34		5389-0010	N2
100	55	65		5389-0100	N2
250	70	95		5389-0250	N2
500	80	125		5389-0500	N2
1000	105	155		5389-1000	N2

Accessories

Description	Price €	Item no.
Extension for PTFE scoop, 60 cm		5389-0001 N2

Chemistry scoop



Scoop for aggressive liquids, complete with strong handle, entirely made of polypropylene.

- ▶ Rod length 100 cm, Ø 20 mm
- ▶ Without metal parts

Chemistry scoop

Capacity ml	Price €	Quantity scale from	Scale price €	Item no.	
250		10		5353-0250	N4
600		10		5353-0500	N4
1000		10		5353-1000	N4



Stainless steel scoop



In contrast to conventional scoops, the stainless steel scoop has no openings, undercuts or crevices in which residues could collect. Pore-free finishing produced by high-quality laser welding seams. The stainless steel scoop can be flame-sterilised and can therefore be made completely germ-free.



- ▶ Scoop made of stainless steel AISI 304 (1.4301), complete with rod
- ▶ Sterilisable by flame sterilisation or steam sterilisation



Stainless steel scoop

Total length cm	Capacity ml	Price €	Item no.	
115	1000		5354-1000	N4



Liquid-Sampler | single hand operation



Sampler for thin to viscous liquids. Easy use with one-handed operation. With discharge funnel for safe filling of the sample bottles.



► Material AISI 316L (1.4404)



The valve is opened with the thumb to empty the sample.



The valve is opened by attaching the sample container to empty the sample.



Liquid-Sampler, open with thumb

Total length cm	Container dia. mm	Capacity ml	Price €	Quantity scale from	Scale price €	Item no.
46	32	50		5		5326-0001 N4
54	32	100		5		5326-0002 N4



Liquid-Sampler, place onto bottle

Container dia. mm	Total length cm	Capacity ml	Price €	Quantity scale from	Scale price €	Item no.
32	45.5	50		5		5326-0003 N4
32	53.5	100		5		5326-0004 N4



TeleScoop | for industry and water treatment



TeleScoop is a versatile sampling system with exchangeable tools for a wide range of applications. The tools (angular beaker, pendulum beaker, bottle holder, stainless steel beaker and dip net) are attached to the telescopic rod by a practical snap-in joint.

Ideal for sampling from baths, tanks, shafts, open water courses etc. Sampling depths down to 6 m can be reached with the adjustable telescopic aluminium rod.

- For industry and water treatment



- ② **Angular beaker**
The beaker is adaptable to different container shapes by adjustable angle setting (up to 90°).

- Polypropylene



- ③ **Pendulum beaker PP**
This beaker automatically swings to a horizontal position. Nothing can be spilt. Suitable therefore for deep and narrow shafts (Ø 150 mm).

- Polypropylene



- ④ **Pendulum beaker stainless steel**
This beaker automatically swings to a horizontal position. Nothing can be spilt. Suitable therefore for deep and narrow shafts (Ø 130 mm).

- Stainless steel AISI 304 (1.4301)

① Telescopic rod

Different tools can be attached to the telescopic rod (snap-in joint). The individual rods have been provided with an end stop. This means that one rod cannot accidentally slip out of another rod. The telescopic rods cannot be rotated radially, which means even better handling!

Telescopic rod 5355-0280, extremely short model – yet extendable up to 280 cm. Fits into every car boot!

- Increased telescopic rod rigidity by using cold-rolled profile rod
- Springs made of stainless steel

TeleScoop | for industry and water treatment



⑤ Bottle holder

Holds all bottles up to 88 mm Ø. Plastic, glass or metal bottles can be securely filled in this way. Angle steplessly adjustable up to 90°.

- ▶ With universal quick tightening strap
- ▶ Polypropylene/PA



⑥ Stainless steel beaker

Beaker with scraper, contents 1000 ml. Ideal for powder, granules, pastes, mud.

- ▶ Sterilisable
- ▶ Stainless steel AISI 304 (1.4301)



⑦ Surface catch net

Catch net for taking solid and organic samples from water courses.

- ▶ PVC/PA blue
- ▶ L 310 x W 280 mm
- ▶ Mesh width 2–5 mm



⑧ Depth catch net

Catch net for taking solid and organic samples from water courses.

- ▶ PP/PA blue
- ▶ L 190 x W 430 mm
- ▶ Net depth 250 mm
- ▶ Mesh width 2–5 mm



① Telescopic rod

Length infinitely variable from	No. of rods	Price €	Quantity scale from	Scale price €	Item no.
65-120 cm	2		10		5355-0120 N4
70-180 cm	4		10		5355-0180 N4
125-250 cm	2		10		5355-0250 N4
95-280 cm	4		10		5355-0280 N4
115-300 cm	3		10		5355-0300 N4
165-450 cm	3		10		5355-0450 N4
175-600 cm	4		10		5355-0600 N4

Model	Capacity ml	Price €	Quantity scale from	Scale price €	Item no.
② Scoop angular beaker	600		10		5354-0050 N4
② Scoop angular beaker	1000		10		5354-0100 N4
② Scoop angular beaker	2000		10		5354-0200 N4
③ Pendulum beaker PP	600		10		5354-5050 N4
③ Pendulum beaker PP	1000		10		5354-5100 N4
③ Pendulum beaker PP	2000		10		5354-5200 N4
④ Pendulum beaker AISI 304	1000		5		5354-3000 N4
⑤ Bottle holder	750		10		5354-4100 N4
⑥ Stainless steel beaker	1000		5		5354-2000 N4
⑦ Surface catch net			5		5354-5020 N4
⑧ Depth catch net			5		5354-5010 N4

Sampler Liquid CupSampler



Use

1. Place the collector at the desired depth.
2. Open the lid using the handle. The liquid flows in.
3. Close the filled collector and remove it.
4. Empty the sample into the sample bottle.

It is possible to carry out point sampling of liquids of varying viscosity with the stainless steel AISI 316L (1.4404) Liquid CupSampler. Media-containing particles can also be sampled without difficulty.

The sampler can be used in the fields of chemistry, foodstuffs and cosmetics.

The cup can be unscrewed from the stem, allowing easy cleaning.



ChemoSampler | for acids, alkalis, detergents



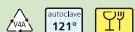
The ChemoSampler was developed for sampling aggressive liquids, e.g. acids, alkalis, detergents. The samples are drawn directly into the screw-on original sampling bottle. The tamper-proof bottle closure of these bottles with original safety ring ensures unadulterated sample transport. Samples can be taken from depths of as much as 200 cm, e.g. from tanks, silos or tankers, by using the extension rod.

- PP, grey
- Resistant to acids and alkalis
- Incl. sample bottle 1000 ml
- Extension rod 100 cm and two bottle sizes available as accessories.

! Attention! Make sure to pay attention to the "List of Chemical Resistance"!

Sampler Liquid CupSampler

Capacity ml	Container dia. mm	Total length cm	Price €	Item no.
100	55	100		5357-0001 N4



ChemoSampler

Price €	Quantity scale from	Scale price €	Item no.
	5		5336-1000 N4

Accessories

Description	Price €	Item no.
Extension for ChemoSampler 100 cm		5336-0100 N4
Sampling bottle PE, 500 ml		0342-0500 N3
Sampling bottle PE, 1000 ml		0342-1000 N3

Vampire Sampler | for sampling liquids in the field

The Vampire sampler can be used to take samples from liquids easily, even from deeper depths.

The portable sampling pump consists of a mains-independent drive unit, a pump head and a delivery hose. The medium being sampled is directed via the closed hose system directly into the sample container. The sample only comes in contact with the hoses and the sample bottle. This excludes the risk of impurities and contamination because the hoses are easy to clean and can also be replaced easily if necessary. The self-priming peristaltic pump is also suitable for substances that are dirty or contain particles with a maximum viscosity of 500 mPas. The gently pumping does not change the sample.

Thanks to a suction depth of 5 meters, the battery-powered Vampire sampler easily pumps samples, even from sampling points at lower depths, for example from barrels, tanks, wells, water traps or wastewater and sewage treatment plants.

- ▶ Battery-powered hose pump for sampling liquids from depth
- ▶ Easy cleaning and exchangeable hoses prevent impurities
- ▶ Suction depth up to 5 metres
- ▶ Consisting of a drive unit, pump head, pump hoses (30 cm, Marprene/silicone), suction hose (5 m, PE), hose connector (PP), sample bottle (250 ml, LDPE), bottle basket, two rechargeable batteries and battery charger



Vampire Sampler

Price €	Quantity scale from	Scale price €	Item no.
	5		5327-1000 N2



Accessories

Description	Price €	Item no.
Suction hose Marprene, 1 m		5327-0508 N2
Sampling bottle LDPE 500 ml		0318-0500 N3
Sampling bottle LDPE 1000 ml		0318-1000 N3
Suction hose PE on roll 6 x 8 mm, roll with 10 m		8805-0608 N3
Suction hose PE on roll 6 x 8 mm, roll with 100 m		8878-0608 N3
Basket for sample bottles 500 ml, Ø 84 mm		5302-2051 N2
Basket for sample bottles 1000 ml, Ø 100 mm		5302-2101 N2

MiniSampler | taking samples – comfortable, quick and clean sampling



With the vacuum sampler MiniSampler, the sample liquid only comes into contact with the suction hose and the original sample bottle. The possibility of cross-contamination is greatly reduced. Immediately after taking the sample, the bottles are sealed. The disposable suction hose can quickly be replaced. This guarantees that the samples are never contaminated. If necessary, a new hose can be used for every single sample.

Due to its small diameter (8 mm), the hose can reach narrow, seemingly inaccessible sampling areas.

Two models:

PE MiniSampler for general sampling, max. suction height 5 m*

PTFE MiniSampler for ultra-pure sampling, max. suction height 5 m*

* depending on the medium

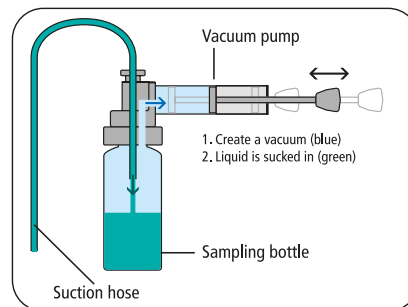
- ▶ Also suitable for viscous oils
- ▶ Complete in a handy transport case

Use

1. Insert the hose and the bottle into the pump.
2. Insert hose end to desired sample depth.
3. Move the pump piston back and forth and collect the sample.
The liquid flows directly into the bottle.
4. Take off the filled bottle, close and label it.



Not for aggressive acids. Vapours could destroy pump.



MiniSampler PE | for general sampling



Ideal for general sampling from barrels, canisters, tanks etc.
MiniSampler PE complete with accessories in transport case, contents: Vacuum pump, 10 PE bottles 100 ml, 10 m PE suction hose 6 x 8 mm, 1 hose cutter, 1 stainless steel hose weight made of AISI 304 (1.4301)/brass nickel-plated, 20 seal-it bottle seals.

MiniSampler PE



Price €	Quantity scale from	Scale price €	Item no.
	5		5305-0100 N4

Accessories

Description	Price €	Item no.
MiniSampler pump with adapter PP		5305-0010 N4
MiniSampler standard pump		5305-0011 N4
PTFE MiniSampler adapter for glass thread GL 45		5305-0209 N4
MiniSampler adapter PTFE for sample tubes PFA 6205-0180		5305-1020 N2
Hose cutter		0006-9506 N3
Sampling bottle HDPE, 100 ml		0340-0100 N3
Sampling bottle HDPE, 250 ml		0340-0250 N3
Suction hose PE on roll 6 x 8 mm, roll with 10 m		8805-0608 N3
Suction hose PE on roll 6 x 8 mm, roll with 100 m		8878-0608 N3

MiniSampler PTFE | for ultrapure sampling



Ideal when maximum purity is needed.
MiniSampler PTFE complete with accessories in its transport case, contents: Vacuum pump, 1 sample bottle PFA 180 ml, 5 m PTFE suction hose 6 x 8 mm, 1 hose cutter, 1 stainless steel hose weight made of AISI 304 (1.4301)/brass nickel-plated, 20 seal-it bottle seals.

MiniSampler PTFE



Price €	Quantity scale from	Scale price €	Item no.
	5		5305-0110 N4

Accessories

Description	Price €	Item no.
MiniSampler pump with adapter PP		5305-0010 N4
MiniSampler standard pump		5305-0011 N4
PTFE MiniSampler adapter for glass thread GL 45		5305-0209 N4
MiniSampler adapter PTFE for sample tubes PFA 6205-0180		5305-1020 N2
Hose cutter		0006-9506 N3
Sample boxes PFA, 180 ml		6205-0180 N3
Suction hose PTFE on roll 6 x 8 mm, roll with 5 m		8804-0608 N3

ProfiSampler | vacuum-operated sample collector for robust industrial use



Profi Sampler aluminium



While the MiniSampler is designed for laboratory use, the ProfiSampler has been specially developed for rough industrial use.

Applications

Sampling liquids in barrels, tanks, lorries, railway goods wagons, ships, water courses, ground water, etc.

Vacuum samplers have the advantage that the sample liquid only comes into contact with the suction hose and the original sample bottle. The possibility of cross-contamination is greatly reduced. Immediately after taking the sample, the bottles are sealed. The disposable suction hose can quickly be replaced. This guarantees that the samples are always authentic. If necessary, a new hose can be used for every single sample.

Due to its small diameter (8 mm), the hose can reach narrow, seemingly inaccessible sampling areas.

The ProfiSampler can be extended with useful accessories developed in practice.



Attention! Make sure to pay attention to the "List of Chemical Resistance"!

- ▶ Three feet guarantee that the ProfiSampler stands safely
- ▶ Fill level control, automatic return flow and overflow protection through built-in venting valve
- ▶ Available with suction hose in PE, PA and PTFE wherever the highest degree of purity is required
- ▶ Can be supplied with straight suction tubes for simpler sampling, incl. transport case for tidy transport and disposal of the suction tubes
- ▶ Suction volume 200 ml, suction pressure 0.5 bar
- ▶ Suction height from liquid surface 5 m WS
- ▶ Sample bottles available in different materials and sizes

ProfiSampler | vacuum-operated sample collector for robust industrial use

① ProfiSampler Aluminium

ProfiSampler aluminium for solvents and flammable liquids in Explosion Categories IIA, IIB and IIC. With bottle thread GL 45 (suitable for Schott glass bottles 100 ml to 1000 ml).

When taking samples of flammable liquids, the device must be earthed. For this, earthing cable and, possibly in addition, anti-static set should be used, see accessories.

ProfiSampler aluminium, consisting of: Vacuum pump made of aluminium, with feet, venting valve and bottle thread GL 45 with glass bottle 500 ml, 5 suction tubes PA black (220 cm long, electrically conductive), hose cutter, brass hose weight, 20 seal-it bottle seals, earthing cable.

② Profi Sampler PP

ProfiSampler PP for general samples, for weak acids, alkalis, detergents, chemical baths. Made of solid, chemical resistant Polypopylene.

ProfiSampler PP, consisting of: Vacuum pump, made of solid PP, with feet, venting valve and bottle thread GL 40, 1 PP bottle 250 ml, 10 m PE suction hose (roll), 1 hose cutter, 1 stainless steel hose weight made of AISI 304 (1.4301), 20 seal-it bottle seals.



③ **Straight suction tubes** (PE or PA) have the advantage that they are not slightly bent as is the standard tubing (from the roll) and can therefore be immersed absolutely vertically into the container. The suction tubes are available in transparent PE for general sampling and black PA for flammable liquids in VbF Hazard Category AI (electrically conducting). Diameter 6 x 8 mm. Contamination banned! In practice the low-priced tubes are only used once. They are then disposed of, instead of being subjected to a costly cleaning process. The tubes are not autoclavable.

④ **Transport case for straight suction tubes** for the practical transport of new suction tubes and the safe storage of used ones. Suitable for 100 suction tubes, 220 cm long.

① ProfiSampler Aluminium

Price €	Quantity scale from	Scale price €	Item no.	
	5		5305-1100	N4

Accessories

Description	Price €	Item no.
Glass sampling bottle 100 ml, GL 45		5314-0010 N3
Glass sampling bottle 250 ml, GL 45		5314-0025 N3
Glass sampling bottle 500 ml, GL 45		5314-0050 N3
Glass sampling bottle 1000 ml, GL 45		5314-0100 N3
③ Straight suction tube, PE transparent, 200 cm, 10 pieces		5305-1022 N4
③ Straight suction tube, PA black, electrical conductive, 220 cm, 10 pieces		5305-1024 N4
④ Transport case for straight suction tubes		5305-1029 N4
Anti-static set		5602-1000 N4
Suction hose PE on roll 6 x 8 mm, roll with 10 m		8805-0608 N3
Suction hose PE on roll 6 x 8 mm, roll with 100 m		8878-0608 N3
Suction hose PTFE on roll 6 x 8 mm, roll with 5 m		8804-0608 N3

② Profi Sampler PP

Price €	Item no.	
	5305-1000	N4

Accessories

Description	Price €	Item no.
③ Straight suction tube, PE transparent, 200 cm, 10 pieces		5305-1022 N4
③ Straight suction tube, PA black, electrical conductive, 220 cm, 10 pieces		5305-1024 N4
④ Transport case for straight suction tubes		5305-1029 N4
Sampling bottle PP, 250 ml		0319-0250 N3
Suction hose PE on roll 6 x 8 mm, roll with 10 m		8805-0608 N3
Suction hose PE on roll 6 x 8 mm, roll with 100 m		8878-0608 N3

UniSampler with hose



UniSampler with PVC hose and hose weight made of stainless steel. For deep, hard-to-reach places. The mass of the metal tube drags the hose to any depth.

- ▶ Suction hose PVC, 2.50 m long
- ▶ Complete in a handy transport case incl. sample bottle PP 1000 ml, vacuum pump, universal bottle adapter, hose weight made of AISI 304 (1.4301), 20 seal-it bottle seals
- ▶ Universal bottle adapter made of PVC, for bottle necks Ø 24 mm, 32 mm, 39 mm and 50 mm nominal dimension, for sample bottles 100–1000 ml

Use

1. Lower the suction hose to the required depth.
2. Attach the adapter to the sampling bottle.
3. Create a vacuum using the handpump and collect the sample.
4. Remove the filled sample bottle, close and label it.

UniSampler with hose

Price €	Quantity scale from	Scale price €	Item no.
	5		5314-2000 N4

Accessories

Description	Price €	Item no.
Suction hose for replacement PVC, 2,5 m		5314-2002 N4
Sampling bottle PP, 100 ml		0319-0100 N3
Sampling bottle PP, 250 ml		0319-0250 N3
Sampling bottle PP, 500 ml		0319-0500 N3
Sampling bottle PP, 1000 ml		0319-1000 N3

UniSampler "Ex"



Sampler especially developed for sampling flammable liquids of Hazard Category AI (VbF, e.g. fuel). Glass bottle and hose are connected in such a way that they conduct electricity and are earthed via an earthing cable.

- ▶ Complete in a handy transport case incl. 4 m hose (NBR), glass bottle 1000 ml, bottle adapter, bottle stand, vacuum pump, earthing cable and hose-weight made of brass
- ▶ PTB approval D-333-009 618/00

Use

1. Earth the device.
2. Lower the suction hose to the required depth.
3. Attach the adapter to the sampling bottle.
4. Create a vacuum using the handpump and collect the sample.
5. Remove the filled sample bottle, close and label it.



The UniSampler "Ex" was developed in co-operation with the quality association Tankschutz e.V. (non-profit association for tank protection).

UniSampler "Ex"

Price €	Quantity scale from	Scale price €	Item no.
	5		5314-3000 N4

Accessories

Description	Price €	Item no.
Glass sampling bottle 1000 ml, GL 45		5314-0100 N3

UniSampler with suction lance




Use

1. Set the desired sampling depth by moving the suction lance.
2. Attach the adapter to the sampling bottle.
3. Lower the suction lance into the medium.
4. Create a vacuum using the hand pump and collect the sample.
5. Remove the filled sample bottle, close and label it.

The collection lance consists of an inner tube and an outer tube. The suction position can be varied steplessly with the outer tube within a height of 0 to 48 cm. The total length of the telescopic suction tube is 100 cm.

- ▶ Suction tube PP, suction hose PVC
- ▶ Incl. 5 sample bottles each PP 250 ml and 500 ml, vacuum pump, universal adapter for sample bottles, 20 seal-it bottle seals
- ▶ Universal bottle adapter made of PVC, for bottle necks Ø 24 mm, 32 mm, 39 mm and 50 mm nominal dimension, for sample bottles 100–1000 ml

UniSampler with suction lance

Price €	Quantity scale from	Scale price €	Item no.
	5		5314-1000 N4
 Accessories			
Description	Price €	Item no.	
Sampling bottle PP, 100 ml		0319-0100 N3	
Sampling bottle PP, 250 ml		0319-0250 N3	
Sampling bottle PP, 500 ml		0319-0500 N3	
Sampling bottle PP, 1000 ml		0319-1000 N3	

Bürklee - Behind the scenes



There are many ways for ordering at Bürkle - but all roads lead to the Sales department.



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By the way: If your product is in stock and you order before 1.00 p.m., the package leaves our store the same day.



Are you in a hurry? We also offer express deliveries.

Dipping bottles



Dipping containers are used in various areas to collect liquids for sampling. Bürkle produces the most comprehensive collection of dipping containers by a long way, the right product for every use as it were. Bürkle offers dipping bottles and immersion cylinders for sediments, for the area of environmental issues, for chemically aggressive products, for petrochemistry, for the ex protection area etc. The dipping bottles for the Ex protection area are made of nickel-plated brass, therefore they do not oxidise.

Dipping vessels can be used for point sampling, all-layer samples and bottom sampling.

Dipping vessels are heavy. Lowering requires the use of special manually-operated drum reels with a large winding diameter. Other manually-operated drum reels place too much strain on the user's wrist and could represent a health hazard. Lowering cables and chains made from different materials, as well as manually-operated drum reels, also for Ex-proof applications, available as accessories.

! Observe Ex-proof guidelines when sampling flammable liquids. Only use conductive lowering cables made of nonspark-producing material and conductive hand reels with grounding connection.

Dipping bottle

Dipping bottle with glass container for sampling in sewage plants, for mud and water samples. For testing crude oil, liquid mineral oil products, fuels, special and test fuels, fuel oils, petroleum and liquid lubricants of Hazard Categories IIA and IIB. Completely made from non-spark producing materials. Dipping frame made of nickel-plated brass, easy-click closure made of electrically conductive polyamide.

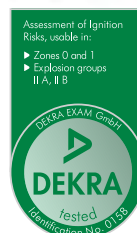
- ▶ With Easy-Click, safe and practical closure for a rapid bottle exchange
- ▶ High weight (3.2 kg) for fast lowering
- ▶ Bottle made of transparent glass 1000 ml contents
- ▶ Height with handles 330 mm
- ▶ Tested for use in the Ex protection zone 0



Please order the required lowering cable separately (page 110)

Use

1. Lower the dipping bottle to the required depth.
2. Pull chain/cable with a short, powerful jerk, the stopper opens.
3. The sample flows into the bottle.
4. Raise the bottle with the chain/ cable.
5. Open the Easy-Click closure, remove the bottle.



Dipping bottle

Capacity ml	Dia. mm	Price €	Item no.
1000	148		5365-4000 N4

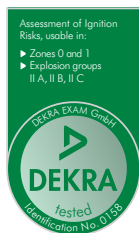


Dipping bottle Ex

Dipping bottle for testing mineral oil products Category A, Explosion Categories IIA, IIB and IIC, crude oil, liquid mineral oil products, fuels, special and test fuels, fuel oils, petroleum and liquid lubricants. Completely made from non-spark producing materials, nickel-plated

- ▶ Screw-off bottle head - easy cleaning
- ▶ Robust handle
- ▶ High weight (3.3 kg) for fast lowering
- ▶ Height with handles 443 mm
- ▶ Tested for use in the Ex protection zone 0

⚠ Please order the required lowering cable separately (page 110).



Use

1. Lower the dipping bottle to the required depth.
2. Pull chain/cable with a short, powerful jerk, the stopper opens.
3. The sample flows into the bottle.
4. Raise the bottle with the chain/cable.
5. Empty the bottle.



Dipping bottle Ex

Capacity ml	Dia. mm	Price €	Item no.
1000	89		5365-3000 N4



Immersion cylinder

Immersion cylinder for sampling crude oil, liquid mineral oil products, fuels, special and test fuels, fuel oils, petroleum and liquid lubricants in Explosion Categories IIA, IIB and IIC. Completely made from non-spark producing materials, nickel-plated.

- ▶ Screw-off top enables easy cleaning
- ▶ High weight for fast lowering
- ▶ Robust handle
- ▶ Tested for use in the Ex protection zone 0

⚠ Please order the required lowering cable separately (page 110).

Use

Point sampling

1. Two lowering cables are required for this (bearer cable and hauling cable).
2. Lower the immersion cylinder to the required depth.
3. When the target has been reached, pull on the hauling cable, the valve opens.
4. The sample flows into the bottle.
5. Release the hauling cable. The valve closes. Pull the cylinder back on the bearer cable.
6. Empty the cylinder via the valve at the bottom.

Bottom sampling

1. Lower the immersion cylinder on the cable to the ground.
2. The valve opens automatically because of the immersion cylinder's own weight.
3. The sample flows into the cylinder.
4. Pull the cylinder back on the cable, the valve closes independently.
5. Empty the cylinder via the valve at the bottom.



Immersion cylinder


Capacity ml	Dia. mm	Height mm	Weight g	Price €	Item no.
500	75	300	3000		5365-7500 N4
1000	75	450	4300		5365-7000 N4

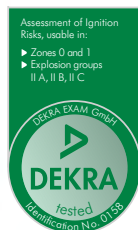


Dipping vessel

Dipping vessel for taking all-layer samples from tanks, tank wagons, water courses, water purification plants.

- ▶ With Easy-Flow, the flow optimised flow valve
- ▶ High weight for faster lowering
- ▶ Contents 1000 ml
- ▶ Height with handles 427 mm
- ▶ Made of non-spark producing brass or stainless steel AISI 304 (1.4301) for Ex area
- ▶ Tested for use in the Ex protection zone 0, Explosion Categories IIA, IIB and IIC

 Please order the required lowering cable separately (page 110).



Use

1. When the dipping vessel is lowered, the liquid constantly runs through it.
2. When it is pulled back, both valves close automatically.
3. Emptying at the top via the open flaps.


Dipping vessel

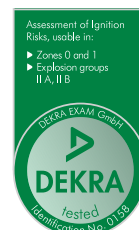
Material	Dia. mm	Weight g	Price €	Item no.
brass	82	2300		5365-1000 N4
stainless steel AISI 304	82	2000		5365-2000 N4

Mini immersion cylinder

For sampling liquids in narrow places where access is difficult. Can also be used in curved dipping tubes and barrels with narrow openings.

- ▶ Diameter only 32 mm
- ▶ Weight 330 g
- ▶ Stainless steel AISI 304 (1.4301)
- ▶ Screw-off top enables easy cleaning
- ▶ Tested for use in the Ex protection zone 0, Explosion Categories IIA and IIB

 Please order the required lowering cable separately (page 110).



Use

1. When the dipping vessel is lowered, the liquid constantly runs through it.
2. When it is pulled back, both valves close automatically.
3. It can be emptied via the base valve or the upper screw-off cap.

Mini immersion cylinder

Capacity ml	Dia. mm	Height mm	Price €	Item no.
50	32	180		5365-5000 N4

Target immersion cylinder




Precise liquid samples can be taken with the Target immersion cylinder.

- ▶ Weight 2.6 kg
- ▶ Incl. venting lowering cable (5 m), valve and cable reel
- ▶ Screw-off top enables easy cleaning

Use

1. Lower the immersion cylinder to the required depth on the high-tensile, closed hose.
2. When the target has been reached, open the air valve at the tube end.
3. This vents the immersion cylinder and fills it.
4. Retrieve the immersion cylinder.
5. Open the cover and pour out the sample.

Target immersion cylinder					
Capacity ml	Dia. mm	Height mm	Price €	Item no.	
500	75	210		5365-6000	N4

AquaSampler



Sampler for ground water samples from wells, pits and other sources. Fits all normal well shafts with control openings to Ø 2", without tilting or getting stuck. Ultra pure materials guarantee the highest degree of sample purity. Easy to clean thanks to rounded edges and threads.

- ▶ FEP/PTFE ultra pure, anti adhesive surface



Please order the required lowering cable separately (page 110).

AquaSampler						
Capacity ml	Total length cm	Outer dia. mm	Price €	Quantity scale from	Scale price €	
350	40	46		5		5308-0350 N4
700	76	46		5		5308-0700 N4
1050	107	46		5		5308-1050 N4

Manually-operated reels



Manually-operated drum reel PP



Manually-operated drum reel PA electrically-conductive



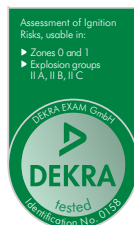
Manually-operated reel Ex with grounding cable

The manually-operated drum reels are used to lower dipping bottles and immersion cylinders safely to the required depth in shafts, wells and tanks and then to pull them up again. The manually-operated drum reels can be equipped with various cables or chains.

If flammable or highly flammable liquids are to be collected, then electrically conductive manually-operated drum reels must be used together with an earthing cable. The dipping bottles must be made of non-sparking metal.

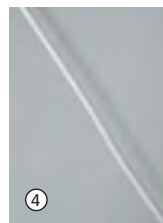
- ▶ High winding capacity of up 150 m for cable 2 mm dia.
- ▶ Reel width: inner 44 mm, outer 55 mm, reel diameter: inner 100 mm, outer 180 mm

Please order the required lowering cable separately.



Manually-operated reel			
Model	Price €	Item no.	
① Manually-operated reel PP		5309-0010	N4
② Manually-operated reel PA		5309-0020	N4
③ Manually-operated reel Ex with grounding cable		5309-0030	N4

Lowering cables



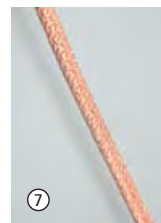
Stainless steel lowering cable, PTFE-coated



Lowering cable AISI 316L



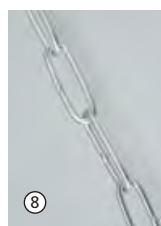
Lowering cable plastic



Copper lowering cable EX with loops

Lowering cables

For dipping bottles and immersion cylinders, matching manually-operated drum reels made of various materials. Tensile load max. up to 10 kg.



Lowering/ hoisting chain stainless steel



Snap-hook AISI 316L



Brass shackle

Lowering cables				
Model	Length m	Dia. mm	Price €	Item no.
④ Stainless steel lowering cable, PTFE-coated	10	2		5309-0110 N4
④ Stainless steel lowering cable, PTFE-coated	25	2		5309-0125 N4
④ Stainless steel lowering cable, PTFE-coated	50	2		5309-0150 N4
⑤ Stainless steel lowering cable	10	1.25		5309-0301 N4
⑤ Stainless steel lowering cable	25	1.25		5309-0302 N4
⑤ Stainless steel lowering cable	50	1.25		5309-0305 N4
⑥ Lowering cable made of PP cord	10	2		5309-0201 N4
⑥ Lowering cable made of PP cord	25	2		5309-0202 N4
⑥ Lowering cable made of PP cord	50	2		5309-0205 N4
⑦ Copper lowering cable EX with loops	10	4.5		5309-0410 N4
⑦ Copper lowering cable EX with loops	25	4.5		5309-0425 N4
⑦ Copper lowering cable EX with loops	50	4.5		5309-0450 N4
⑧ Stainless steel chains	10	2.3		5309-0510 N4
⑧ Stainless steel chains	25	2.3		5309-0525 N4
⑧ Stainless steel chains	100	2.3		5309-0550 N4
⑨ Snap hooks AISI 316L		5		0006-5300 N4
⑩ Brass shackle		4.5		0006-5301 N4

DispoSampler – disposable samplers | for the highest standards in sampling


Bürkle disposable samplers – DispoSampler – are used to take samples of liquids, viscous media, powders and granulates. Target point samples can be taken, all-layer and cross-section samples, as well as small and large sample quantities.

Unlike conventional reusable samplers, disposable samplers do not need to be cleaned after use.

- ▶ Cleaning reusable samplers is a demanding and often complicated task, with greasy, strongly adhesive or toxic substances. Sometimes the task is even impossible
- ▶ Work processes do not have to be interrupted by cleaning
- ▶ Cross contamination is completely eliminated
- ▶ The cleaning method does not need to be validated in audits
- ▶ Time and money are saved

Bürkle DispoSampler LaboPlast® and SteriPlast®

 **LaboPlast**

 **SteriPlast**

- ▶ Individually packaged
- ▶ Production, assembly and packaging in class 7 clean room (10,000)
- ▶ Complies with EU food requirements and FDA regulations
- ▶ Optionally sterilised by gamma rays

Time is money – Compare the costs:

- Bring to cleaning area
- Remove sampler
- Cleaning agent
- Work time
- Autoclaving in some cases
- Drying
- Mount sampler
- Packaging if required
- Transport and storage

Due to the effort involved in cleaning and the costs associated with it, it is often more economical to use a Bürkle disposable sampler.



LiquiDispo



The LiquiDispo disposable sampler can be used to take samples of liquids from highly liquid to slightly viscous. An ergonomic handle makes it easier to draw the sample: up to 200 ml can be drawn, as with a syringe.

- ▶ Ergonomic handle
- ▶ No seals
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Opening diameter 2.5 mm
- ▶ Ø 21 mm



LiquiDispo

Length mm	Volume ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	   Item no.
500	100	standard	20		10		5393-1120 N4
500	100	sterilised	20		10		5393-1121 N4
1000	200	standard	20		10		5393-1130 N4
1000	200	sterilised	20		10		5393-1131 N4

DispoPipette



Simple disposable sampler for taking samples of low viscosity media. If the DispoPipette is inserted into the liquid opened, an all-layer sample is obtained. If it is closed while it is inserted up to the sampling point and then opened, a target-point sample is obtained. Very easy to operate. With two opening sizes (2,5/5,5 mm) for different viscosities.

- ▶ All-layer and target point samples possible
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Ø 21 mm



DispoPipette

Length mm	Volume ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	   Item no.
500	100	standard	20		10		5393-5500 N4
500	100	sterilised	20		10		5393-5501 N4
1000	200	standard	20		10		5393-5531 N4
1000	200	sterilised	20		10		5393-5532 N4

DispoTube



The ergonomic handle of the DispoTube makes it easier to work and facilitates a good grip even under difficult conditions, for example with gloves. Disposable sampler for taking samples of liquids.

- ▶ Ergonomic handle
- ▶ All-layer and target point samples possible
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Opening diameter 5.5 mm
- ▶ Ø 21 mm



DispoTube								  
Length mm	Volume ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
500	100	standard	20		10		5393-6620	N4
500	100	sterilised	20		10		5393-6621	N4
1000	200	standard	20		10		5393-6630	N4
1000	200	sterilised	20		10		5393-6631	N4

DispoLadle



DispoLadle is a sampling scoop specially designed for disposable use. The scaled scoop with embossing can be used for measuring. It shows contents in increments of 10 ml, up to 200 ml. An ergonomic handle and a spout on both sides for right or left-hand operation make handling simple and easy.

- ▶ 200 ml scoop
- ▶ External Ø 92 mm
- ▶ Ergonomic handle
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays



DispoLadle								  
Length mm	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.		
500	standard	20		10		5393-6640	N4	
500	sterilised	20		10		5393-6641	N4	
1000	standard	20		10		5393-6650	N4	
1000	sterilised	20		10		5393-6651	N4	

ViscoDispo



The ViscoDispo disposable sampler can be used to take samples of high-viscosity media up to 100.000 mPas. The ergonomically shaped handle and the very stable drawbar make it easy to draw even viscous substances.

- ▶ Ergonomic handle
- ▶ No seals
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Opening diameter 10 mm
- ▶ Ø 21 mm



ViscoDispo										
Length mm	Volume ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.			
500	100	standard	20		10		5393-3320	N4		
500	100	sterilised	20		10		5393-3321	N4		
1000	200	standard	20		10		5393-3330	N4		
1000	200	sterilised	20		10		5393-3331	N4		

PowderDispo



PowderDispo is the ideal disposable sampler for cross-section samples of powdery or slightly cohesive substances. A complete all-layer sample can be taken from bags or smaller containers with the lance.

- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Ø 21 mm


PowderDispo										
Length mm	Volume ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.			
300	60	standard	20		10		5393-5510	N4		
300	60	sterilised	20		10		5393-5511	N4		
500	100	standard	20		10		5393-5522	N4		
500	100	sterilised	20		10		5393-5521	N4		

DispoPicker



Disposable sampler for powders and small-grain bulk materials. Because the tip is closed, the sample material cannot trickle back out of the sample lance. DispoPicker is ideally suited for cross-section samples.

- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Ø 21 mm





DispoPicker							  
Length mm	Volume ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
300	60	standard	20		10		5393-5540 N4
300	60	sterilised	20		10		5393-5541 N4
500	100	standard	20		10		5393-5550 N4
500	100	sterilised	20		10		5393-5551 N4

DispoLance



The DispoLance disposable sampler can be used for taking large and small sample quantities quickly and easily, directly from bags. The sampler is suitable for free-flowing powders and small-grain granulates. The DispoLance sampler pierces into the container with the sturdy tip and the sample flows through the open inner tube directly into the container or bag that is held underneath.

- ▶ Variable sample quantity
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Nominal width 14 mm
- ▶ Ø 21 mm

DispoLance							  
Length mm	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
300	standard	20		10		5393-5560	N4
300	sterilised	20		10		5393-5561	N4
500	standard	20		10		5393-5570	N4
500	sterilised	20		10		5393-5571	N4
 Accessories							
Description							
Sampling bag SteriBag see page 118							


MicroDispo



Quite small sample quantities (10 ml) can be taken with MicroDispo. Especially in pharmaceutical applications it often happens that only a small quantity can or should be extracted for analysis. Using the disposable sampler, precise target point samples can be taken of free-flowing powders and small-grain bulk materials.

- ▶ Ergonomic handle
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Ø 21 mm



MicroDispo							  	
Length mm	Volume ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
500	10	standard	20		10		5393-2240	N4
500	10	sterilised	20		10		5393-2241	N4
1000	10	standard	20		10		5393-2250	N4
1000	10	sterilised	20		10		5393-2251	N4

MultiDispo



Disposable zone samplers for taking samples from multiple layers of the sample material. Suitable for free-flowing powders and small-grain granulates. The representative all-layer sample can be emptied directly through the open handle into a sample container.

- ▶ Easy emptying through the opening in the handle (Ø 14 mm)
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Ø 25 mm / Ø tip 30 mm



MultiDispo							  	
Length mm	Volume ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
500	100	standard	20		10		5393-4440	N4
500	100	sterilised	20		10		5393-4441	N4
1000	200	standard	20		10		5393-4450	N4
1000	200	sterilised	20		10		5393-4451	N4

TargetDispo



TargetDispo is used to take a target point sample at a position in the sample material that has previously been precisely determined. The sampler pierces into the powder or granulate while closed. When it reaches the sample removal point it is opened and then closed again. In this way a precise target-point sample is obtained. The sample can simply be emptied through the open handle.

- ▶ Easy emptying through the opening in the handle (Ø 14 mm)
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Ø 25 mm / Ø tip 30 mm



TargetDispo

Length mm	Volume ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	   Item no.
500	100	standard	20		10		5393-4460 N4
500	100	sterilised	20		10		5393-4461 N4
1000	200	standard	20		10		5393-4470 N4
1000	200	sterilised	20		10		5393-4471 N4

ZoneDispo



The ZoneDispo disposable all-layer sampler is used in sampling to collect a representative all-layer sample from three different layers. Suitable for free-flowing powders and small-grain granulates. The collected sample can be secured and transported in the closed sampler.

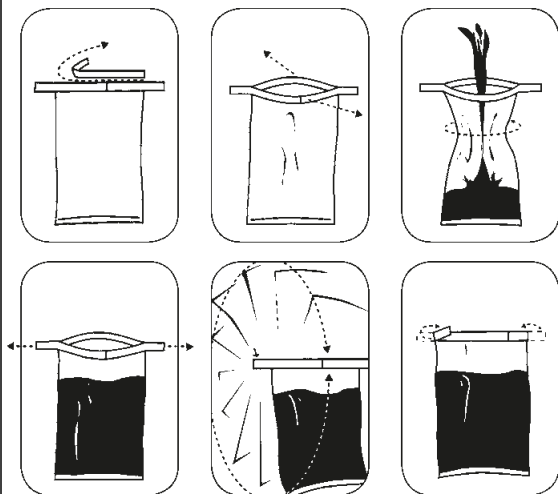
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Ø 25 mm / Ø tip 30 mm



ZoneDispo

Length mm	Volume ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	   Item no.
500	100	standard	20		10		5393-4420 N4
500	100	sterilised	20		10		5393-4421 N4
1000	200	standard	20		10		5393-4430 N4
1000	200	sterilised	20		10		5393-4431 N4

Sampling bag SteriBag | the sterilised packaging bag



The sterile sampling bag SteriBag for samples in chemistry, pharmaceuticals, medicine, veterinary science and foodstuffs etc.

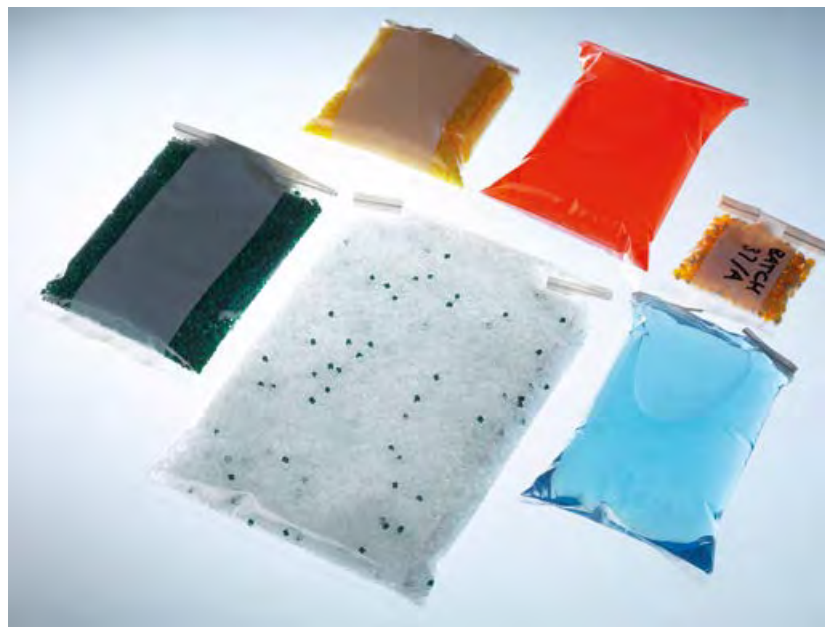
The bags are made of polyethylene and are therefore exceptionally tearproof and leakproof.

The SteriBag sampling bag is distinguished by its safe handling. When used according to instructions, samples are guaranteed sterile.

Integrated safety: The tab-ends are sealed in plastic film to prevent skin injuries.

- ▶ Sterile, RNase, DNase and pyrogen-free
- ▶ Can be labelled
- ▶ Leakproof
- ▶ Save space
- ▶ Transparent
- ▶ With practical closure to tear-open
- ▶ Proven millions of times

 **Bulk prices**



Sampling bag SteriBag

Capacity ml	Model	L x W mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
60	without labelling area	127 x 76	500		6		5344-0060	N3
60	with labelling area	127 x 76	500		6		5344-0061	N3
150	without labelling area	178 x 76	500		6		5344-0180	N3
150	with labelling area	178 x 76	500		6		5344-0181	N3
450	without labelling area	229 x 114	500		6		5344-0540	N3
450	with labelling area	229 x 114	500		6		5344-0541	N3
650	without labelling area	229 x 140	500		6		5344-0720	N3
650	with labelling area	229 x 140	500		6		5344-0721	N3
800	without labelling area	305 x 114	500		6		5344-0810	N3
800	with labelling area	305 x 114	500		6		5344-0811	N3
1650	without labelling area	305 x 178	250		12		5344-1650	N3
1650	with labelling area	305 x 178	250		12		5344-1651	N3

SteriBag StandUp sample bag



SteriBag StandUp is a sterile sample bag with a stand-up base. The special bottom unfolds as soon as the bag is filled. This makes SteriBag StandUp stable and able to stand on its own without a separate stand or support, leaving both your hands free to take the sample and fill the bag. The wire bracket at the closure keeps the bag open, making it easy and convenient to fill. The sample bag is the ideal space-saving, unbreakable, inexpensive and sterile replacement for bottles and beakers. Can be used for samples available as liquids, powders, solids and pastes; suitable for foods and can be frozen. The stable standing SteriBag StandUp sample bag is easy and safe to transport. SteriBag StandUp, the sample bag for easy handling of samples.

- ▶ Stands stably
- ▶ Protected against discharge
- ▶ Sterile, RNase, DNase and pyrogen-free
- ▶ With labelling field

SteriBag StandUp sample bag

Capacity ml	L x W mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
400	229 x 114	250		5		5344-0400	N3
600	229 x 152	250		5		5344-0600	N3

Sampling bag SteriBag Blue



The sterile sampling bag SteriBag Blue is especially well suited for use in the food, animal feed and pharmaceutical industries. To prevent the danger of foreign matter in production, the sample bags and the tear-off closure are coloured blue. This shade of blue does not occur in a natural form in foodstuffs. Because of this it is highly visible and can be reliably discovered in a visual check if a bag or parts of it are ever mixed into production. The disposable sample bag is approved for contact with foods. It is suitable for storing and transporting solid, semi-solid and liquid media.

Thanks to the large opening, the SteriBag Blue can be filled easily. The sample bag with labelling field is space-saving, easy to transport and leak-proof.

- ▶ PE, blue
- ▶ Liquid-tight
- ▶ With labelling field
- ▶ Sterile, RNase, DNase and pyrogen-free

Sampling bag SteriBag Blue

Capacity ml	L x W mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
650	229 x 140	500		6		5344-7008	N3
1650	305 x 178	250		12		5344-7012	N3

Sampling bag SteriBag Cleanroom



The sampling bag SteriBag Cleanroom with double packaging can be placed directly in the clean room. 25 sample bags are placed in double secondary packaging. They can be removed one after the other and are therefore ideally suited for introducing into the clean room. Then the sterile bags can be used directly in the clean room.

SteriBag Cleanroom is sterile inside and outside. This guarantees contamination-free storage and transport of solid, semi-solid and liquid media. The sample bag is perfect for use in chemical and pharmaceutical applications.

The disposable sample bag has a labelling field, saves space and is also easy to transport. The large bag opening makes it easy to pour in the sample.

- ▶ Sterile, with double packaging
- ▶ RNase, DNase and pyrogen-free
- ▶ PE, transparent
- ▶ Liquid-tight
- ▶ With labelling field

Sampling bag SteriBag Cleanroom

Capacity ml	L x W mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
800	305 x 114	500		6		5344-8010 N3
1650	305 x 178	250		12		5344-8012 N3

SteriBag Premium tamper-proof sample bag



The SteriBag Premium sample bags uniquely combine a high degree of security, sterility, tamper evident closure and traceability, they are used to securely transport and for the storage of samples.

After sampling, the sample can be filled directly into the sterile sample bag. The tamper-evident closure seals the bag liquid-tight and secure. When trying to open the closure again, the word "STOP" appears clearly visible. Both the sample bag and the tear-off field are labeled with a unique tracking number, this allows a complete documentation and traceability.

SteriBag Premium is suitable for many demanding applications in the food, pharmaceutical, medical area as well as in cleanroom or biotechnology sectors.

- ▶ Sterilised by gamma rays (SAL 10⁻⁶)
- ▶ With integrated tamper-proof closure for manipulation evidence
- ▶ Unique identification via tracking number
- ▶ Suitable for the use with foodstuffs

SteriBag Premium tamper-proof sample bag

Capacity ml	L x W mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
300	200x145	100		10		5344-8000 N4

SteriPlast® Kit – sterile sampling set





The sampling set SteriPlast® Kit consists of ten sample spatulas or ten sample scoops and ten SteriBag Premium tamper-proof sample bags. Thus the SteriPlast® Kit is the ideal combination for sampling where purity and sterility is essential.

All parts are sterilised by gamma rays and suitable for use with foodstuffs. The scoops or spatulas are clean room manufactured and individually packed. The sample bag SteriBag Premium has an integrated sealing and is liquid-tight. A unique tracking code on both the bag and the tear-off field guarantees complete documentation and traceability. SteriPlast® Kit including scoop 50 ml or spatula 150 mm insertion depth, and SteriBag Premium 300 ml.

- Scoop 50 ml & bag SteriBag Premium 300 ml
- Spatula 150 mm insertion depth & bag SteriBag Premium 300 ml

SteriPlast® Kit – sterile sampling set

Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.		
Scoop & bag	10		10		5378-8003	N4	
Spatula & bag	10		10		5378-8009	N4	

SteriPlast® syringe





 **SteriPlast**

The syringe is used to take sterile samples and store them. The sample amount can be read off from the printed contents graduation. The syringe is supplied in a sterile package and is ready for immediate use. The syringe can be extended to any length with additional tubing. A Luer adapter is supplied for the 100 ml syringe.

- PP, transparent
- Contents graduation
- Sterilised, packed separately

 **Bulk prices**

SteriPlast® syringe

Capacity ml	Pieces per pack	Division ml	Price €	Quantity scale from	Scale price €	Item no.		
50	10	1		6		5325-0060	N4	
100	10	2		5		5325-0100	N4	

SteriPlast® and LaboPlast®

b SteriPlast



Bürkle **SteriPlast®** products are high-quality, ergonomically shaped disposable products that are specially designed and optimised for sampling purposes. They are produced, assembled and individually packed in Bürkle's own clean room and then sterilised by rays.

The SteriPlast® products thus meet all the requirements for absolutely sterile sampling with first class certification.

b LaboPlast

LaboPlast® is the Bürkle brand for high-quality plastic products that have been specially designed and developed to optimally meet the demanding and in part special requirements in laboratories, industry and science.

Here LaboPlast® stands for the best quality, excellent craftsmanship and outstanding material properties.

Test the products and get to know and appreciate our LaboPlast® product lines!

LaboPlast® scoop, disposable



The LaboPlast® disposable scoop made of polystyrene is produced and assembled in our clean room of class 7 (10,000) and individually packaged for disposable use.

The disposable scoop is ideal for powders, granulates and pastes.

The scoop with transparent cover can be closed immediately after sampling and the exclusion of contamination can therefore be safeguarded.

- PS, white
- Individually packaged
- Production, assembly and packaging according to clean room class 7
- Complies with EU food requirements and FDA regulations



LaboPlast® scoop, disposable

Capacity ml	Model	Length mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
25	without cover	141	10		10		5378-0001 N4
25	with cover	142	10		10		5378-0002 N4
50	without cover	160	10		10		5378-0003 N4
50	with cover	161	10		10		5378-0004 N4
100	without cover	205	10		10		5378-0005 N4
100	with cover	206	10		10		5378-0006 N4
150	without cover	216	10		10		5378-0007 N4
150	with cover	218	10		10		5378-0008 N4
250	without cover	232	10		10		5378-0013 N4
250	with cover	235	10		10		5378-0014 N4
500	without cover	280	10		10		5378-0015 N4
500	with cover	283	10		10		5378-0016 N4
1000	without cover	332	10		10		5378-0019 N4
2000	without cover	381	10		10		5378-0020 N4



SteriPlast® sample scoop

The SteriPlast® sample scoop made of polystyrene is produced and assembled in our clean room of class 7 (10,000), individually packaged for disposable use and then sterilised by gamma rays. The sample scoop is ideal for powders, granulates and pastes. The scoop with transparent cover can be closed immediately after sampling and the sterility and exclusion of contamination can therefore be safeguarded.

- ▶ PS, white
- ▶ Individually packaged and sterilised by gamma rays
- ▶ Production, assembly and packaging according to clean room class 7
- ▶ Complies with EU food requirements and FDA regulations



Ergonomics were particularly important to us for the design of the sample scoop. The scoop stands horizontally due to the special handle design and the slightly angled front edge and can therefore be put down without the sample material trickling out.

SteriPlast® sample scoop

Capacity ml	Model	Length mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
25	without cover	141	10		10		5378-1001 N4
25	with cover	142	10		10		5378-1002 N4
50	without cover	160	10		10		5378-1003 N4
50	with cover	161	10		10		5378-1004 N4
100	without cover	205	10		10		5378-1005 N4
100	with cover	206	10		10		5378-1006 N4
150	without cover	216	10		10		5378-1007 N4
150	with cover	218	10		10		5378-1008 N4
250	without cover	232	10		10		5378-1013 N4
250	with cover	235	10		10		5378-1014 N4
500	without cover	280	10		10		5378-1015 N4
500	with cover	283	10		10		5378-1016 N4
1000	without cover	332	10		10		5378-1019 N4
2000	without cover	381	10		10		5378-1020 N4

Sampling scoop, long handle, disposable



The sampling scoop can be used to take samples of powders, granulates and pastes. The long handle makes it possible to sample larger containers even with little content or to reach through narrow openings.

With the straight bottom of the scoop, the medium can be scooped up directly from the bottom of the container.

The disposable scoop is suitable for sensitive areas of pharmaceuticals and chemistry as well as the food and cosmetics industries.

- ▶ PS, white
- ▶ Individually packaged and optionally sterilised
- ▶ Handle length 300 mm
- ▶ For single use
- ▶ Clean room manufactured (clean room class 7)
- ▶ Complies with EU food requirements and FDA regulations



Sampling scoop, long handle, disposable

Total length mm	Capacity ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
390	50	standard	10		10		5378-5013 N4
390	50	sterilised	10		10		5378-5014 N4
415	100	standard	10		10		5378-5017 N4
415	100	sterilised	10		10		5378-5018 N4

Ladle, long handle, disposable



The ladle is suitable for taking samples of liquids and viscous media as well as powders and granulates. The ladle has a very smooth bottom and rounded corners. This makes it possible to reach into any corner of a container or to take medium directly from the bottom of the container. A long handle with indentations for fingers ensures a firm hold and precise work.

The disposable ladle can be used in the pharmaceutical industry, chemistry and cosmetics and the food and animal feed industries.

- ▶ PS, white
- ▶ Individually packaged and optionally sterilised
- ▶ Reaches into any corner
- ▶ Handle length 300 mm
- ▶ For single use
- ▶ Clean room manufactured (clean room class 7)
- ▶ Complies with EU food requirements and FDA regulations



Ladle, long handle, disposable

Total length mm	Capacity ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
365	30	standard	10		10		5378-5021 N4
365	30	sterilised	10		10		5378-5022 N4

Sample spatula white, disposable



The disposable spatula made of polystyrene is produced and assembled in our clean room of class 7 (10,000) and individually packaged for disposable use.

As a result of the long, ergonomically-shaped, stable handle and a sharp blade, it is possible to even penetrate directly into containers such as paper or plastic sacks. The disposable spatula is ideal for sampling powders, granulates and pastes.

The spatula with transparent sealing sleeve can be closed again immediately after sampling and the exclusion of contamination can be safeguarded for the sample taken.

- ▶ PS, white
- ▶ Production, assembly and packaging according to clean room class 7
- ▶ Complies with EU food requirements and FDA regulations

LaboPlast® spatula, disposable

- ▶ Individually packaged



SteriPlast® sample spatula

- ▶ Individually packaged and sterilised by gamma rays



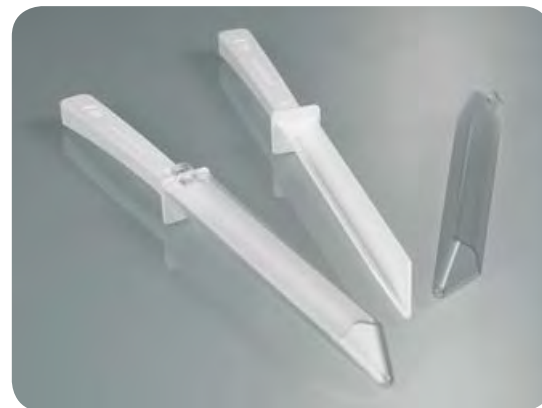
LaboPlast® spatula, disposable

Model	Total length mm	Insertion depth mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
without sleeve	263	150	10		10		5378-0009	N4
with sleeve	268	150	10		10		5378-0010	N4



SteriPlast® sample spatula

Model	Total length mm	Insertion depth mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
without sleeve	263	150	10		10		5378-1009	N4
with sleeve	268	150	10		10		5378-1010	N4



Sample spoon white, disposable



The disposable spoon made of polystyrene is produced in our clean room of class 7 (10,000) and individually packaged for disposable use.

The spoon is available in two sizes, 2.5 ml (similar to a teaspoon) and 10 ml (similar to a tablespoon), and is ideal for sampling powders, granulates and fluids.

- ▶ PS, white
- ▶ Production and packaging according to clean room class 7
- ▶ Complies with EU food requirements and FDA regulations

LaboPlast® spoon, disposable

- ▶ Individually packaged

SteriPlast® sample spoon

- ▶ Individually packaged and sterilised by gamma rays





LaboPlast




SteriPlast



LaboPlast® spoon, disposable

Length mm	Capacity ml	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	 
127	2.5	100		10		5378-0011	N4
170	10	100		10		5378-0012	N4

SteriPlast® sample spoon

Length mm	Capacity ml	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	  
127	2.5	100		10		5378-1011	N4
170	10	100		10		5378-1012	N4

Sampling spoon, long handle, disposable



The sampling spoon with long handle can be used to remove powders, granulates, pastes or liquids.

The long handle makes it easy to reach the bottoms of larger containers as well and allows for sampling of drums, jerrycans and bottles with small opening diameters. Thanks to the indentations on the handle, the disposable spoon rests comfortably and securely in the hand. The laboratory spoon is suitable for single use in the sensitive areas of pharmaceuticals, chemistry, cosmetics, animal feed and food & beverage.

- ▶ PS, white
- ▶ Individually packaged and optionally sterilised
- ▶ Handle length 300 mm
- ▶ For single use
- ▶ Clean room manufactured (clean room class 7)
- ▶ Complies with EU food requirements and FDA regulations





Sampling spoon, long handle, disposable

Total length mm	Capacity ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
355	5	standard	10		10		5378-5001 N4
355	5	sterilised	10		10		5378-5002 N4
375	20	standard	10		10		5378-5005 N4
375	20	sterilised	10		10		5378-5006 N4

Sampling spoon curved, long handle



The spoon with curved spoon bowl is suitable for a wide range of different media including powders, granulates, pastes and liquids. The angled spoon shape is also good for reaching into the corners of a container. The long handle of the plastic spoon makes it possible to empty residue from large containers easily and can also reach into places that are hard to reach such as jerrycans with narrow necks.

The sampling spoon can be used in pharmaceutical applications, in the chemical industry and for food and cosmetics.

- ▶ PS, white
- ▶ Individually packaged and optionally sterilised
- ▶ With curved spoon shape
- ▶ Handle length 300 mm
- ▶ For single use
- ▶ Clean room manufactured (clean room class 7)
- ▶ Complies with EU food requirements and FDA regulations





Sampling spoon curved, long handle, disposable

Total length mm	Capacity ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
360	10	standard	10		10		5378-5009 N4
360	10	sterilised	10		10		5378-5010 N4

Dosing spoon, white



Volumetric and dosing spoons can be used to measure small amounts of powder, granulates and liquids exactly and dose them precisely. For precise measuring, excess medium is stripped off the upper edge of the spoon. The content volume is engraved on the handle.

- PS, white
- Optionally packaged individually and sterilised

LaboPlast

SteriPlast

Dosing spoon, white

Capacity ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
0,5	large package	100		10		5378-4004	N4
0,5	sterilised, packaged individually	100		10		5378-4005	N4
1	large package	100		10		5378-4006	N4
1	sterilised, packaged individually	100		10		5378-4007	N4
2,5	large package	100		10		5378-4008	N4
2,5	sterilised, packaged individually	100		10		5378-4009	N4
5	large package	100		10		5378-4010	N4
5	sterilised, packaged individually	100		10		5378-4011	N4
10	large package	100		10		5378-4012	N4
10	sterilised, packaged individually	100		10		5378-4013	N4
15	large package	100		10		5378-4014	N4
15	sterilised, packaged individually	100		10		5378-4015	N4
25	large package	100		10		5378-4016	N4
25	sterilised, packaged individually	100		10		5378-4017	N4
50	large package	100		10		5378-4018	N4
50	sterilised, packaged individually	100		10		5378-4019	N4

Forceps, disposable



The disposable forceps are suitable for precise lab work and are ideal for grasping, lifting and moving small objects, for example fine tissue, small items or solid samples. The fluted handles ensure optimum and secure handling as well as precise work.

Available either in a large package with 100 pieces or 100 pieces packaged individually and radiation sterilised.

- For single use
- Clean room manufactured (clean room class 7)
- Complies with EU food requirements and FDA regulations
- Overall length 130 mm
- PS, white
- Optionally packaged individually and sterilised



LaboPlast

SteriPlast

Forceps, disposable

Shape	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
pointed/angled	sterilised, packaged individually	100		10		5378-1040	N4
pointed/angled	large package	100		10		5378-0040	N4
pointed	sterilised, packaged individually	100		10		5378-1041	N4
pointed	large package	100		10		5378-0041	N4
broad tip	sterilised, packaged individually	100		10		5378-1042	N4
broad tip	large package	100		10		5378-0042	N4

Scraper, white



The scraper, made of polystyrene, is produced in our class 7 clean room (10,000) and individually packaged for disposable use. Sturdy and convenient scraper for disposable use. The scraper is suitable for scraping off, smoothing or cleaning as well as removing residue.

Scraper LaboPlast®, disposable

- Individually packaged

Scraper SteriPlast®

- Individually packaged and sterilised by gamma rays



Scraper LaboPlast®, disposable

L x W mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
200 x 80	10		10		5378-0030 N4

Scraper SteriPlast®

L x W mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
200 x 80	10		10		5378-1030 N4

Sampling palette knife spatula white



The sampling palette knife spatula can be used to apply, distribute or evenly spread viscous media such as pastes and creams. The palette knife spatula reaches easily into the corners and curves of various containers and is suitable for scraping out bowls, removing residue or wiping off Bürkle's volumetric and dosing spoons. The dimensionally stable long edge of the plastic scraper is ideal for cutting viscous media. A small tip on the long edge can be used for ripping, for example packaging film. The scraper is also suitable for stirring and blending. The disposable sampling palette knife spatula is suitable for use in the pharmaceutical industry, chemistry, cosmetics and food & beverage.

- PS, white
- Optionally packaged individually and sterilised
- L x W 192 x 20 mm
- For single use
- Clean room manufactured (clean room class 7)
- Complies with EU food requirements and FDA regulations



Sampling palette knife spatula white, disposable

Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
Large package	100		10		5378-0035 N4
sterilised, packaged individually	100		10		5378-1035 N4

The purity of disposable products and ecological sustainability combined perfectly!



With our **LaboPlast® Bio** and **SteriPlast® Bio** product lines, we offer you products that feature all the properties for high-quality sampling. The improved specifications in this area can in part only be realised with disposable products. However to take into account environmental awareness and to safeguard ecologically sustainable trade, we now also offer these disposable products made of bio-plastic. **LaboPlast®** bio-products are only manufactured from renewable raw materials. **SteriPlast®** bio-products are also sterilised by gamma rays.



Green PE



Environmentally friendly & sustainable

- ▶ Product made of bio-plastic
- ▶ Made of sustainable raw materials, dispensing with fossil materials
- ▶ CO₂ saving and thus reduction of the greenhouse effect
- ▶ 100 % recyclable

Bio sample scoop



The Bio sample scoop made of green PE is produced in our clean room of class 7 (10,000) and individually packaged for disposable use.

Green PE bio-plastic has all the suitable properties of conventional polyethylene but is manufactured from renewable raw materials and can be completely recycled.

The sample scoop is ideal for powders, granulates and pastes.

- ▶ Product made of renewable raw materials
- ▶ Bio-PE, white
- ▶ Production and packaging according to clean room class 7
- ▶ Complies with EU food requirements and FDA regulations

LaboPlast® Bio scoop

- ▶ Individually packaged

SteriPlast® Bio sample scoop

- ▶ Individually packaged and sterilised by gamma rays



LaboPlast® Bio scoop							
Capacity ml	Length mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
25	141	10		10		5379-0001	N4
50	160	10		10		5379-0003	N4
100	205	10		10		5379-0005	N4
150	216	10		10		5379-0007	N4
SteriPlast® Bio sample scoop							
Capacity ml	Length mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
25	141	10		10		5379-1001	N4
50	160	10		10		5379-1003	N4
100	205	10		10		5379-1005	N4
150	216	10		10		5379-1007	N4

Sampling scoop, long handle, disposable Bio



The sampling scoop can be used to take samples of powders, granulates and pastes. The long handle makes it possible to sample larger containers even with little content or to reach through narrow openings. With the straight bottom of the scoop, the medium can be scooped up directly from the bottom of the container. The disposable scoop is suitable for sensitive areas of pharmaceuticals and chemistry as well as the food and cosmetics industries.

- ▶ Product made from renewable raw materials
- ▶ Bio-PE, white
- ▶ Individually packaged and optionally sterilised
- ▶ Handle length 300 mm
- ▶ For single use
- ▶ Clean room manufactured (clean room class 7)
- ▶ Complies with EU food requirements and FDA regulations



Sampling scoop, long handle, disposable Bio

Total length mm	Capacity ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
390	50	standard	10		10		5379-0024 N4
390	50	sterilised	10		10		5379-1024 N4
415	100	standard	10		10		5379-0025 N4
415	100	sterilised	10		10		5379-1025 N4

Bio sample spatula



The disposable spatula made of green PE is produced in our clean room of class 7 (10,000) and individually packaged for disposable use. Green PE bio-plastic has all the suitable properties of conventional polyethylene and can be completely recycled but is manufactured from renewable raw materials.

As a result of the long, ergonomically-shaped, stable handle and a sharp blade, it is possible to even penetrate directly into containers such as paper or plastic sacks. The spatula is ideal for sampling powders, granulates and pastes.

LaboPlast® Bio spatula

- ▶ Individually packaged



SteriPlast® Bio sample spatula

- ▶ Individually packaged and sterilised by gamma rays



LaboPlast® Bio spatula

Total length mm	Insertion depth mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
263	150	10		10		5379-0009 N4

SteriPlast® Bio sample spatula

Total length mm	Insertion depth mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
263	150	10		10		5379-1009 N4

Bio sample spoons



The disposable spoon made of green PE is produced in our clean room of class 7 (10,000) and individually packaged for disposable use. Green PE bio-plastic has all the suitable properties of conventional polyethylene but is manufactured from renewable raw materials and can be completely recycled. The disposable spoon is available in two sizes, 2.5 ml (similar to a teaspoon) and 10 ml (similar to a tablespoon), and is ideal for sampling powders, granulates and fluids.

LaboPlast® Bio spoon

- Individually packaged

SteriPlast® Bio sample spoon

- Individually packaged and sterilised by gamma rays

LaboPlast® Bio spoon								
Length mm	Capacity ml	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.		
127	2.5	100		10		5379-0011	N4	
170	10	100		10		5379-0012	N4	
SteriPlast® Bio sample spoon								
Length mm	Capacity ml	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.		
127	2.5	100		10		5379-1011	N4	
170	10	100		10		5379-1012	N4	

Sampling spoon, long handle, disposable Bio



Sampling spoon, long handle, disposable Bio

The long handle makes it easy to reach the bottoms of larger containers as well and allows for sampling of drums, jerrycans and bottles with small opening diameters.

Sampling spoon curved, long handle, disposable Bio

The long handle of the plastic spoon makes it possible to empty residue from large containers easily and can also reach into places that are hard to reach such as jerrycans with narrow necks.

- Product made from renewable raw materials
- Bio-PE, white
- Individually packaged and optionally sterilised

Sampling spoon, long handle, disposable Bio								
Total length mm	Capacity ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
355	5	standard	10		10		5379-0021	N4
355	5	sterilised	10		10		5379-1021	N4
375	20	standard	10		10		5379-0022	N4
375	20	sterilised	10		10		5379-1022	N4
Sampling spoon curved, long handle, disposable Bio								
Total length mm	Capacity ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
360	10	standard	10		10		5379-0023	N4
360	10	sterilised	10		10		5379-1023	N4

Ladle, long handle, disposable Bio



- ▶ Product made from renewable raw materials
- ▶ Bio-PE, white
- ▶ Individually packaged and optionally sterilised

The ladle is suitable for taking samples of liquids and viscous media as well as powders and granulates. The ladle has a very smooth bottom and rounded corners. This makes it possible to reach into any corner of a container or to take medium directly from the bottom of the container. A long handle with indentations for fingers ensures a firm hold and precise work. The disposable ladle can be used in the pharmaceutical industry, chemistry and cosmetics and the food and animal feed industries.

Ladle, long handle, disposable Bio								
Total length mm	Capacity ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
365	30	standard	10		10		5379-0026	N4
365	30	sterilised	10		10		5379-1026	N4

Sampling palette knife spatula, disposable Bio



The sampling palette knife spatula can be used to apply, distribute or evenly spread viscous media such as pastes and creams. The palette knife spatula reaches easily into the corners and curves of various containers and is suitable for scraping out bowls, removing residue or wiping off Bürkle's volumetric and dosing spoons. The dimensionally stable long edge of the plastic scraper is ideal for cutting viscous media. A small tip on the long edge can be used for ripping, for example packaging film. The scraper is also suitable for stirring and blending. The disposable sampling palette knife spatula is suitable for use in the pharmaceutical industry, chemistry, cosmetics and food & beverage.

- ▶ Product made from renewable raw materials
- ▶ Bio PE, white, flexible and break-proof
- ▶ Optionally packaged individually and sterilised

Sampling palette knife spatula, disposable Bio								
Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.			
Large package	100		10		5379-0035	N4		
sterilised, packaged individually	100		10		5379-1035	N4		

Disposable sampler, blue



The shade of blue that is used does not occur in a natural form in foodstuffs. Because of this, blue products or parts of them can be quickly found and easily identified in a visual check if they are ever mixed into production.

The use of blue tools thus helps to meet the requirements of the HACCP hazard analysis and assessment in reference to foreign objects. This is an important criterion, especially in food processing and production and in the animal feed and pharmaceutical industry.

- ▶ Can be used as part of HACCP/IFS/BRC foreign object management
- ▶ Especially for the food, animal feed and pharmaceutical industries
- ▶ PS, blue
- ▶ Individually packaged and sterilised by gamma rays
- ▶ Production, assembly and packaging according to clean room class 7
- ▶ Complies with EU food requirements and FDA regulations

Food scoop, blue



The SteriPlast® food scoop, made of blue polystyrene, is produced in our class 7 clean room (10,000), individually packaged for disposable use and then sterilised by gamma rays.

The food scoop is ideal for powders, granulates and pastes.



Food scoop, blue

Capacity ml	Length mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
25	141	10		10		5378-3001 N4
50	160	10		10		5378-3003 N4
100	205	10		10		5378-3005 N4
150	216	10		10		5378-3007 N4
250	232	10		10		5378-3013 N4
500	280	10		10		5378-3015 N4
1000	332	10		10		5378-3019 N4
2000	381	10		10		5378-3020 N4



Food scoop, long handle, blue



The sampling scoop can be used to take samples of powders, granulates and pastes. The long handle makes it possible to sample larger containers even with little content or to reach through narrow openings. With the straight bottom of the scoop, the medium can be scooped up directly from the bottom of the container. The disposable scoop is suitable for sensitive areas of pharmaceuticals and chemistry as well as the food and cosmetics industries.

- ▶ PS, blue
- ▶ Individually packaged and sterilised
- ▶ Handle length 300 mm
- ▶ For single use
- ▶ Clean room manufactured (clean room class 7)
- ▶ Complies with EU food requirements and FDA regulations

Food scoop, long handle, blue

Total length mm	Capacity ml	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
390	50	10		10		5378-5015 N4
415	100	10		10		5378-5019 N4

Spatula for foodstuffs, blue



The SteriPlast® spatula for foodstuffs, made of polystyrene, is produced in our class 7 clean room (10,000), individually packaged for disposable use and then sterilised by gamma rays. As a result of the long, ergonomically-shaped, stable handle and a sharp blade, it is possible to even penetrate directly into containers such as paper or plastic sacks. The spatula for foodstuffs is ideal for sampling powders, granulates and pastes.

- ▶ PS, blue
- ▶ Individually packaged and sterilised by gamma rays
- ▶ Production, assembly and packaging according to clean room class 7
- ▶ Complies with EU food requirements and FDA regulations

Spatula for foodstuffs, blue

Total length mm	Insertion depth mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
263	150	10		10		5378-3009 N4



Spoon for foodstuffs, blue



The SteriPlast® spoon for foodstuffs, made of polystyrene, is produced in our class 7 clean room (10,000), individually packaged for disposable use and then sterilised by gamma rays. The spoon for foodstuffs is available in two sizes, 2.5 ml (similar to a teaspoon) and 10 ml (similar to a tablespoon), and is ideal for sampling powders, granulates, pastes and fluids.



- ▶ PS, blue
- ▶ Individually packaged and sterilised by gamma rays
- ▶ Production, assembly and packaging according to clean room class 7
- ▶ Complies with EU food requirements and FDA regulations

Spoon for foodstuffs, blue

Length mm	Capacity ml	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
127	2.5	100		10		5378-3011 N4
170	10	100		10		5378-3012 N4

Food spoons, long handle, blue



Food spoons, long handle, blue

The long handle makes it easy to reach the bottoms of larger containers as well and allows for sampling of drums, jerrycans and bottles with small opening diameters.

Sampling spoon curved, long handle, blue

The long handle of the plastic spoon makes it possible to empty residue from large containers easily and can also reach into places that are hard to reach such as jerrycans with narrow necks.

- ▶ PS, blue
- ▶ Individually packaged and sterilised
- ▶ Handle length 300 mm
- ▶ For single use
- ▶ Clean room manufactured (clean room class 7)
- ▶ Complies with EU food requirements and FDA regulations

Food spoons, long handle, blue

Total length mm	Capacity ml	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
355	5	10		10		5378-5003 N4
375	20	10		10		5378-5007 N4

Sampling spoon curved, long handle, blue

Total length mm	Capacity ml	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
360	10	10		10		5378-5011 N4

Ladle, long handle, disposable, blue



The ladle is suitable for taking samples of liquids and viscous media as well as powders and granulates. The ladle has a very smooth bottom and rounded corners. This makes it possible to reach into any corner of a container or to take medium directly from the bottom of the container. A long handle with indentations for fingers ensures a firm hold and precise work.

The disposable ladle can be used in the pharmaceutical industry, chemistry and cosmetics and the food and animal feed industries.

- PS, blue
- Individually packaged and sterilised
- Reaches into any corner
- Handle length 300 mm
- For single use
- Clean room manufactured (clean room class 7)
- Complies with EU food requirements and FDA regulations

Ladle, long handle, disposable, blue

Total length mm	Capacity ml	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
365	30	10		10		5378-5023 N4

Measuring spoons, blue



Volumetric and dosing spoons can be used to measure small amounts of powder, granulates and liquids exactly and dose them precisely. For precise measuring, excess medium is stripped off the upper edge of the spoon. Available either in a large package with 100 pieces or 100 pieces packaged individually and radiation sterilised.

- PS, blue
- Optionally packaged individually and sterilised

Measuring spoons, blue

Capacity ml	Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
0,5	large package	100		10		5378-4044 N4
0,5	sterilised, packaged individually	100		10		5378-4045 N4
1	large package	100		10		5378-4046 N4
1	sterilised, packaged individually	100		10		5378-4047 N4
2,5	large package	100		10		5378-4048 N4
2,5	sterilised, packaged individually	100		10		5378-4049 N4
5	large package	100		10		5378-4050 N4
5	sterilised, packaged individually	100		10		5378-4051 N4
10	large package	100		10		5378-4052 N4
10	sterilised, packaged individually	100		10		5378-4053 N4
15	large package	100		10		5378-4054 N4
15	sterilised, packaged individually	100		10		5378-4055 N4
25	large package	100		10		5378-4056 N4
25	sterilised, packaged individually	100		10		5378-4057 N4
50	large package	100		10		5378-4058 N4
50	sterilised, packaged individually	100		10		5378-4059 N4

DispoDipper



Sampling tube manufactured in a clean room specially designed for disposable use. Due to the blue colour, it is also perfect for use in the food, animal feed and pharmaceutical industries. The scaled sample container can be used for an exact measurement. After sampling, the container can be closed and is leakproof. The closed handle structure ensures secure handling. The sample container is available with 50 ml, 100 ml or 250 ml content. Depending on the design, container openings can be sampled from a diameter of 52 mm (2" barrel opening), 65 mm or 85 mm. This makes DispoDipper ideal for extracting samples from barrels, canisters and other containers. DispoDipper is completely manufactured in one piece and can be used for sampling and subsequent transport of the sample in one device. In this way, cross-contamination or sample impurities are impossible.

- ▶ PP, blue transparent
- ▶ Individually packaged and optionally sterilised by gamma rays
- ▶ Production and packaging according to clean room class 7
- ▶ Complies with EU food requirements and FDA regulations
- ▶ Scaled sampling tube volume in ml and oz.
- ▶ Immersion depth 270 mm

Use

1. For sampling, first unpack the sampler and detach the cover at the predetermined breaking point from the handle.
2. Afterwards extract the sample using the sample container and securely close with the cover.
3. After sampling, the handle at the predetermined breaking point can be detached from the sample container. This allows for easy and space-saving transport of the sample.



DispoDipper

Capacity ml	Model	Dia. mm	Height with cap mm	Total length mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
50	standard	40	98	417	20		7		5393-7000	N4
50	sterilised	40	98	417	20		7		5393-7001	N4
100	standard	53	98	415	20		5		5393-7010	N4
100	sterilised	53	98	415	20		5		5393-7011	N4
250	standard	72	116	429	20		3		5393-7020	N4
250	sterilised	72	116	429	20		3		5393-7021	N4



Single-use tweezers, blue



The disposable forceps are suitable for precise lab work and are ideal for grasping, lifting and moving small objects, for example fine tissue, small items or solid samples.

- ▶ PS, blue
- ▶ Individually packaged and sterilised
- ▶ For single use
- ▶ Clean room manufactured (clean room class 7)
- ▶ Complies with EU food requirements and FDA regulations
- ▶ Overall length 130 mm



Single-use tweezers, blue

Shape	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
pointed/angled	100		10		5378-1050 N4
pointed	100		10		5378-1051 N4
broad tip	100		10		5378-1052 N4

Scraper for foodstuffs, blue



The SteriPlast® scraper for foodstuffs, made of blue polystyrene, is produced in our class 7 clean room (10,000), individually packaged for disposable use and then sterilised by gamma rays.

Sturdy and convenient scraper for disposable use. The scraper is suitable for scraping off, smoothing or cleaning as well as removing residue.

- ▶ PS, blue
- ▶ Individually packaged and sterilised by gamma rays
- ▶ Production, assembly and packaging according to clean room class 7
- ▶ Complies with EU food requirements and FDA regulations

Scraper for foodstuffs, blue

L x W mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
200 x 80	10		10		5378-3030 N4

Food palette knife spatula



The sampling palette knife spatula can be used to apply, distribute or evenly spread viscous media such as pastes and creams. The palette knife spatula reaches easily into the corners and curves of various containers and is suitable for scraping out bowls, removing residue or wiping off Bürkle's volumetric and dosing spoons.

- ▶ PS, blue
- ▶ Individually packaged and sterilised
- ▶ L x W 192 x 20 mm
- ▶ For single use
- ▶ Clean room manufactured (clean room class 7)
- ▶ Complies with EU food requirements and FDA regulations

Food palette knife spatula, blue

Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
100		10		5378-3035 N4

Detectable disposable samplers



These scoops, spatulas, spoons and scrapers are not only coloured blue but also have a special additive in the material that makes them visible to metal detectors or X rays. These products can therefore be rejected with standard systems for checking for foreign objects, even though they are made of plastic.

- ▶ Can be detected by colour scanners, metal detectors or X-rays
- ▶ Can be used as part of HACCP/IFS/BRC foreign object management
- ▶ Especially for the food, animal feed and pharmaceutical industries
- ▶ PS detectable, blue
- ▶ Individually packaged and sterilised by gamma rays
- ▶ Production, assembly and packaging according to clean room class 7
- ▶ Complies with EU food requirements and FDA regulations

Detectable scoops, blue



Detectable SteriPlast® scoops, made of blue polystyrene, are produced in our class 7 clean room (10,000), individually packaged for disposable use and then sterilised by gamma rays.

Detectable scoops are ideal for powders, granulates and pastes.



Detectable scoops, blue

Capacity ml	Length mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
25	141	10		10		5378-2001 N4
50	160	10		10		5378-2003 N4
100	205	10		10		5378-2005 N4
150	216	10		10		5378-2007 N4
250	232	10		10		5378-2013 N4
500	280	10		10		5378-2015 N4
1000	332	10		10		5378-2019 N4
2000	381	10		10		5378-2020 N4



Detectable scoop, long handle, blue



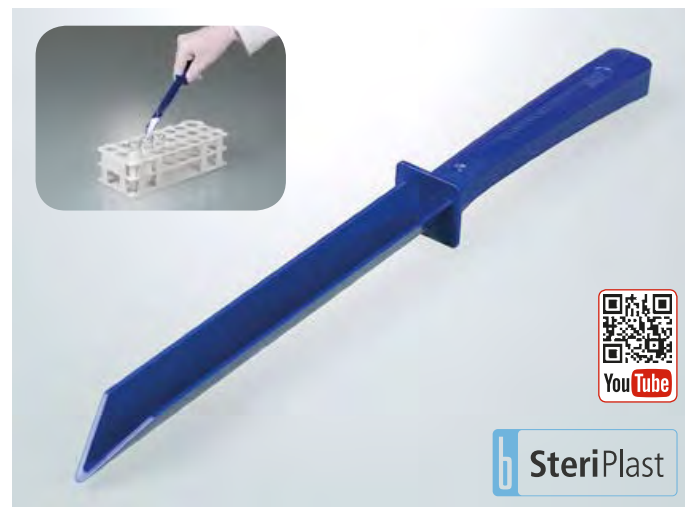
The sampling scoop can be used to take samples of powders, granulates and pastes. The long handle makes it possible to sample larger containers even with little content or to reach through narrow openings. With the straight bottom of the scoop, the medium can be scooped up directly from the bottom of the container. The disposable scoop is suitable for sensitive areas of pharmaceuticals and chemistry as well as the food and cosmetics industries.

- ▶ PS detectable, blue
- ▶ Individually packaged and sterilised
- ▶ Handle length 300 mm
- ▶ For single use
- ▶ Clean room manufactured (clean room class 7)
- ▶ Complies with EU food requirements and FDA regulations

Detectable scoop, long handle, blue

Total length mm	Capacity ml	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
390	50	10		10		5378-5016 N4
415	100	10		10		5378-5020 N4

Detectable spatula, blue



Detectable SteriPlast® spatulas, made of blue polystyrene, are produced in our class 7 clean room (10,000), individually packaged for disposable use and then sterilised by gamma rays. As a result of the long, ergonomically-shaped, stable handle and a sharp blade, it is possible to even penetrate directly into containers such as paper or plastic sacks. Detectable spatula are ideal for sampling powders, granulates and pastes.

- ▶ PS detectable, blue
- ▶ Individually packaged and sterilised by gamma rays
- ▶ Production, assembly and packaging according to clean room class 7
- ▶ Complies with EU food requirements and FDA regulations

Detectable spatula, blue

Total length mm	Insertion depth mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
263	150	10		10		5378-2009 N4

Detectable spoon, blue



Detectable SteriPlast® spoons, made of polystyrene, are produced in our class 7 clean room (10,000), individually packaged for disposable use and then sterilised by gamma rays. The detectable spoons are available in two sizes, 2.5 ml (similar to a teaspoon) and 10 ml (similar to a tablespoon), and are ideal for sampling powders, granulates and fluids.

- ▶ PS detectable, blue
- ▶ Individually packaged and sterilised by gamma rays
- ▶ Production, assembly and packaging according to clean room class 7
- ▶ Complies with EU food requirements and FDA regulations



Detectable spoon, blue						  	
Length mm	Capacity ml	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
127	2.5	100		10		5378-2011	N4
170	10	100		10		5378-2012	N4

Detectable spoon, long handle, blue



Detectable spoon, long handle, blue

The long handle makes it easy to reach the bottoms of larger containers as well and allows for sampling of drums, jerrycans and bottles with small opening diameters.

Detectable spoon curved, long handle blue

The long handle of the plastic spoon makes it possible to empty residue from large containers easily and can also reach into places that are hard to reach such as jerrycans with narrow necks.

- ▶ PS detectable, blue
- ▶ Individually packaged and sterilised
- ▶ Handle length 300 mm
- ▶ For single use
- ▶ Clean room manufactured (clean room class 7)
- ▶ Complies with EU food requirements and FDA regulations

Detectable spoon, long handle, blue						  	
Total length mm	Capacity ml	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
355	5	10		10		5378-5004	N4
375	20	10		10		5378-5008	N4

Detectable spoon curved, long handle, blue						  	
Total length mm	Capacity ml	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
360	10	10		10		5378-5012	N4

Ladle, long handle, detectable



- ▶ PS detectable, blue
- ▶ Individually packaged and sterilised
- ▶ Reaches into any corner
- ▶ Handle length 300 mm
- ▶ For single use
- ▶ Clean room manufactured (clean room class 7)
- ▶ Complies with EU food requirements and FDA regulations

The ladle is suitable for taking samples of liquids and viscous media as well as powders and granulates. The ladle has a very smooth bottom and rounded corners. This makes it possible to reach into any corner of a container or to take medium directly from the bottom of the container.

A long handle with indentations for fingers ensures a firm hold and precise work.

The disposable ladle can be used in the pharmaceutical industry, chemistry and cosmetics and the food and animal feed industries.

Ladle, long handle, detectable

Total length mm	Capacity ml	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
365	30	10		10		5378-5024 N4

Detectable volumetric spoon, blue



Volumetric and dosing spoons can be used to measure small amounts of powder, granulates and liquids exactly and dose them precisely. For precise measuring, excess medium is stripped off the upper edge of the spoon. The content volume is engraved on the handle.

- ▶ PS detectable, blue
- ▶ Individually packaged and sterilised
- ▶ With stripper edge
- ▶ For single use
- ▶ Clean room manufactured (clean room class 7)
- ▶ Complies with EU food requirements and FDA regulations



Detectable volumetric spoon, blue

Capacity ml	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
0,5	100	10			5378-4085 N4
1	100	10			5378-4087 N4
2,5	100	10			5378-4089 N4
5	100	10			5378-4091 N4
10	100	10			5378-4093 N4
15	100	10			5378-4095 N4
25	100	10			5378-4097 N4
50	100	10			5378-4099 N4

Detectable scraper, blue



The detectable SteriPlast® scraper, made of polystyrene, is produced in our class 7 clean room (10,000), individually packaged for disposable use and then sterilised by gamma rays. Sturdy and convenient scraper for disposable use. The detectable scraper is suitable for scraping off, smoothing or cleaning as well as removing residue.

- ▶ PS detectable, blue
- ▶ Individually packaged and sterilised by gamma rays
- ▶ Production, assembly and packaging according to clean room class 7
- ▶ Complies with EU food requirements and FDA regulations



Detectable scraper, blue

L x W mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
200 x 80	10		10		5378-2030 N4

Palette knife spatula, detectable, blue



The sampling palette knife spatula can be used to apply, distribute or evenly spread viscous media such as pastes and creams. The palette knife spatula reaches easily into the corners and curves of various containers and is suitable for scraping out bowls, removing residue or wiping off Bürkle's volumetric and dosing spoons. The dimensionally stable long edge of the plastic scraper is ideal for cutting viscous media. A small tip on the long edge can be used for ripping, for example packaging film. The scraper is also suitable for stirring and blending. The disposable sampling palette knife spatula is suitable for use in the pharmaceutical industry, chemistry, cosmetics and food & beverage.

- ▶ PS detectable, blue
- ▶ Individually packaged and sterilised
- ▶ L x W 192 x 20 mm
- ▶ For single use
- ▶ Clean room manufactured (clean room class 7)
- ▶ Complies with EU food requirements and FDA regulations



Palette knife spatula, detectable, blue

Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
100		10		5378-2035 N4

Detectable forceps, sterile



The disposable forceps are suitable for precise lab work and are ideal for grasping, lifting and moving small objects, for example fine tissue, small items or solid samples.

- ▶ PS detectable, blue
- ▶ Individually packaged and sterilised
- ▶ For single use
- ▶ Clean room manufactured (clean room class 7)
- ▶ Complies with EU food requirements and FDA regulations
- ▶ Overall length 130 mm

Detectable forceps, sterile

Shape	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
pointed/angled	100		10		5378-1060 N4
pointed	100		10		5378-1061 N4
broad tip	100		10		5378-1062 N4

Forceps, stainless steel



- ▶ Stainless steel AISI 304 (1.4301)
- ▶ Flutings at the ends and grip for secure handling

Forceps, stainless steel, sharp, bent form

Total length mm	Price €	Quantity scale from	Scale price €	Item no.
105		10		5386-0100 N4
130		10		5386-0102 N4
160		10		5386-0104 N4

Forceps, stainless steel, blunt, straight

Total length mm	Price €	Quantity scale from	Scale price €	Item no.
105		10		5386-0300 N4
130		10		5386-0302 N4
160		10		5386-0304 N4

Forceps, stainless steel, sharp, straight

Total length mm	Price €	Quantity scale from	Scale price €	Item no.
105		10		5386-0200 N4
130		10		5386-0202 N4
160		10		5386-0204 N4

Micro-spatula, disposable



Double scoop spatula with rounded ends, content 1.0 and 0.25 ml, total length 180 mm.

The micro spatula can be used to sample, transfer or process small amounts of chemicals, powders, granulates, pastes, creams or liquids.

The sturdy and convenient centre handle facilitates precise work.

Clean room manufactured, available either in a large package with 100 pieces or 100 pieces packaged individually and sterilised by gamma rays.

SteriPlast

LaboPlast



YouTube

Micro spatula stainless steel



The micro spatula can be used for reliably measuring, sampling or processing small amounts of powder, chemicals, pastes, creams or active ingredients. The laboratory scoop is made of stainless steel and is manufactured entirely without edges, crevices or undercuts. This excludes the possibility of impurities or cross-contamination, since no product residue or cleaning agents can be deposited.

The micro spatula is ideal for use in the pharmaceutical industry as well as food & beverage and cosmetics.

- PS
- Production, assembly and packaging according to clean room class 7
- Complies with EU food requirements and FDA regulations
- Optionally packaged individually and sterilised by gamma rays

- Stainless steel AISI 304 (1.4301)
- High-gloss polished
- Contents 1.25 ml



Micro spatula stainless steel

Total length mm	Price €	Quantity scale from	Scale price €	Item no.
170		10		5386-0001 N4

Micro-spatula, disposable

Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
Large package	100		10		5378-0032 N4
sterilised, packaged individually	100		10		5378-1032 N4

Spoon spatula stainless steel



The spatula-spoon can be used in many different applications. The double-sided multi-purpose spoon is a spoon on one side and a spatula on the other. This makes it possible to sample and process a variety of media such as powders, granulates, pastes and liquids. The spoon side of the spoon-spatula holds 4 ml or 11 ml respectively. Manufactured from a single piece of stainless steel, the spoon-spatula has no edges, crevices or undercuts. Because of this, product residue or cleaning agents cannot be deposited and the possibility of cross-contamination or impurities is excluded. That makes the poly-spoon ideal for use in chemistry, the pharmaceutical industry, cosmetics and the food industry.

- ▶ Stainless steel AISI 304 (1.4301)
- ▶ High-gloss polished
- ▶ Double-sided function

Spoon spatula stainless steel

Total length mm	Price €	Quantity scale from	Scale price €	Item no.
180		10		5386-0022 N4
300		10		5386-0025 N4



Spoon spatula, disposable



SteriPlast

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The spoon spatula is a double spatula with a 0.5 ml spoon and a 17 mm spatula blade, total length 178 mm. The spoon spatula has many different uses in labs – as a sampling spoon, for measuring or transferring small amounts, as a scraper or for mixing and stirring.

Specially designed for disposable use, resistant to chemicals and corrosion-proof. Clean room manufactured, available either in a large package with 100 pieces or 100 pieces packaged individually and sterilised by gamma rays.

- ▶ PS
- ▶ Production, assembly and packaging according to clean room class 7
- ▶ Complies with EU food requirements and FDA regulations
- ▶ Optionally packaged individually and sterilised by gamma rays



Spoon spatula, disposable

Model	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
Large package	100		10		5378-0031 N4
sterilised, packaged individually	100		10		5378-1031 N4



Dosing spoon and measuring spoon set



Dosing and measuring spoons can be used to measure small amounts of powder, granulates and liquids exactly and dose them precisely. For precise measuring, excess medium is stripped off the upper edge of the spoon. The content volume is engraved on the handle.

The flat front edge of the volumetric spoon is ideal for picking up medium from the bottom of the container or for getting into the corners of the container, thus allowing for good emptying of small remaining amounts. The flat base makes it possible to set the volumetric spoon down without spilling the content.

An eyelet in the end of the handle can be used to hang up a spoon or to bundle several together.

- ▶ Content volume: 0.5; 1.0; 2.5; 5.0; 10; 15; 25; and 50 ml
- ▶ Set of volumetric spoons with eight sizes
- ▶ PS
- ▶ With stripper edge
- ▶ Complies with EU food requirements and FDA regulations

Dosing spoon and measuring spoon set

Colour	Capacity ml	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
white	0,5 - 50	8		10		5378-4120 N4
blue	0,5 - 50	8		10		5378-4125 N4

Stainless steel measuring spoons



Stainless steel measuring spoon in a set of 4, as a measuring aid for fast and easy measuring from 1.25 to 15 ml. The volume is engraved on the handle of each measuring spoon.

- ▶ Stainless steel AISI 304 (1.4301)
- ▶ Volumes: 1.25 ml, 2.5 ml, 5 ml, 15 ml
- ▶ Spoon high-gloss finished, handle matt polished

Stainless steel measuring spoons

Capacity ml	Price €	Quantity scale from	Scale price €	Item no.
1.25 - 15		10		5334-8000 N4

Sample-spoon



Sampling spoon for withdrawing small quantities of samples. This specially shaped spoon lets you reach almost every corner in a container and prevents samples from trickling out.

- ▶ Made of AISI 304 (1.4301) stainless steel
- ▶ Largely chemical resistant (not against acids and alkalis)

Sample-spoon

Length mm	Capacity ml	Price €	Quantity scale from	Scale price €	Item no.
150	2		10		5320-0150 N4
180	2		10		5320-0180 N4
210	2		10		5320-0210 N4
300	9		10		5320-0300 N4
400	9		10		5320-0400 N4
500	9		10		5320-0500 N4

Measuring scoops



Universal graduated shovel for filling and measuring of powders and granules. For exact metering, the graduated shovel is to be overfilled and the excess at the upper edge of the shovel is to be wiped off.

- ▶ PP, white
- ▶ High chemical-resistance

Measuring scoops

Capacity ml	L x W mm	Price €	Quantity scale from	Scale price €	Item no.
2	60 x 21		48		9614-0002 N3
5	82 x 27		48		9614-0005 N3
10	100 x 34		48		9614-0010 N3
25	135 x 44		48		9614-0025 N3
50	160 x 55		48		9614-0050 N3
100	200 x 70		48		9614-0100 N3
250	260 x 90		24		9614-0250 N3
500	315 x 118		24		9614-0500 N3
1000	385 x 134		24		9614-1000 N3

PharmaScoop



This sample scoop PharmaScoop has been developed in order to meet the high requirements of the pharmaceutical industry, such as those contained in the FDA regulations. Like all samplers for the pharmaceutical industry, they are made of stainless steel AISI 316 without edges, crevices or undercuts in which sample residues could collect and contaminate subsequent samples. The highly polished inner and outer surfaces of the scoop therefore meet all the requirements for GMP compliance in production and sampling.

- ▶ Stainless steel AISI 316 (1.4404)
- ▶ GMP conform
- ▶ Highly polished

PharmaScoop

Capacity ml	Dia. mm	Length mm	Price €	Quantity scale from	Scale price €	Item no.	
10	25	45		10		5324-0010	N4
50	38	70		10		5324-0011	N4
100	50	100		10		5324-0012	N4
500	95	140		10		5324-0018	N4
750	95	210		10		5324-0013	N4
1000	110	235		10		5324-0014	N4
1250	125	195		10		5324-0015	N4
1700	135	230		10		5324-0016	N4
2500	185	215		10		5324-0017	N4

PharmaScoop with long handle

Capacity ml	Dia. mm	Length mm	Total length mm	Price €	Quantity scale from	Scale price €	Item no.
1000	110	235	835		10		5324-0019 N4

EasyScoop



When sampling bulk goods with a high specific weight, conventional scoops subject the user's wrist to great stress. EasyScoop with its centrally arranged inner grip is ergonomically designed and ensures easy and safe work. As EasyScoop is considerably shorter than conventional scoops, it is easier to take samples from narrow containers.

- ▶ Made of light aluminium, bright-anodised

EasyScoop

Capacity ml	Length mm	Weight g	Price €	Item no.
1500	200	325		5356-1500 N2
2000	300	575		5356-2000 N2

Scoop AISI 304



The stainless steel scoop can be used for taking samples of powders, granulates and pastes. Made of stainless steel AISI 304 (1.4301), the material is sterilisable and autoclavable. The rustproof stainless steel scoop has a smooth, high-gloss polished surface and is food-safe. The tubular shape makes it easy to immerse the scoop in the medium being sampled. The high sides prevent the sample from trickling out. The round handle offers a good grip. The sturdy scoop is ideal for chemical, pharmaceutical, animal feed and food applications.

- ▶ Stainless steel AISI 304 (1.4301)
- ▶ Sterilisable
- ▶ Robust

Scoop AISI 304

Capacity ml	Dia. mm	Price €	Quantity scale from	Scale price €	Item no.	
120	50		5		5370-0120	N3
450	75		5		5370-0450	N3
1000	100		5		5370-1000	N3
1500	120		5		5370-1500	N3
2500	150		5		5370-2000	N3

FoodScoop



Very stable hand scoop for various applications, particularly suited for the food industry. Seamless connection of scoop and hollow handle, therefore without crevices and edges. Especially smooth, highly polished surface.

- ▶ Especially sturdy model
- ▶ Stainless steel AISI 304 (1.4301)
- ▶ With handy suspension eyelet

FoodScoop

Capacity ml	Total length mm	L x W mm	Price €	Quantity scale from	Scale price €	Item no.	
100	215	120 x 60		5		5371-0100	N3
200	230	140 x 75		5		5371-0200	N3
250	245	155 x 85		5		5371-0250	N3
350	290	180 x 100		5		5371-0350	N3
500	350	220 x 130		5		5371-0500	N3

Plastic scoops and scrapers

Iron scoops are loud, they can be dented, they rust and they are heavy. Plastic scoops have none of these disadvantages and are also hygienic because they are made in one piece and have a non-stick surface. They also have a high chemical resistance, they are unbreakable and – all valuable advantages!

Depending on the version the scoops may be anti-static, anti-microbial, suitable for use with food and available in different colours (cadmium-free).

The scoops and scrapers are made of polypropylene and contain additives for different applications:

- Industry: green
- Foodstuffs: white

Six products:

- Scraper with fixed handle
- Hand scoop
- Filling scoop, ideal for sampling
- 2-part shovel with D-grip
- 2-part shovel with T-grip
- 1-part shovel reduces contamination
















Pharmaceuticals, biotechnology, foods, feed, chemistry, industry, agriculture, fish farming, sampling, veterinary use.



Scoops and scrapers for foodstuffs

Polypropylene's easy-to-clean, smooth and pore-free surface makes these scoops extremely suitable for the food sector. The scoops can be also used for boiling products.

- For foodstuffs (FDA and (EU) Nr. 10/2011)

① Hand scoops for foodstuffs										
L x W mm	Total length cm	Weight g	Price €	Quantity	scale from	Scale price €	Item no.			
315 x 247	52.7	509		5			8300-1010	N3		
② Filling scoops for foodstuffs										
W x D x L mm	Total length cm	Weight g	Price €	Quantity	scale from	Scale price €	Item no.			
110 x 150 x 250	25	90		5			8300-5010	N3		
138 x 187 x 310	31	187		5			8300-5011	N3		
167 x 230 x 355	35	289		5			8300-5012	N3		
③ 1-part shovels for foodstuffs										
Handle	W x D x L mm	Total length cm	Weight g	Price €	Quantity	scale from	Scale price €	Item no.		
D	279 x 362 x 1107	111	1564		5			8300-0010	N3	
D	347 x 410 x 1100	110	1882		5			8300-0011	N3	
④ 2-part shovel for foodstuffs										
Handle	W x D x L mm	Total length cm	Weight g	Price €	Quantity	scale from	Scale price €	Item no.		
T	247 x 315 x 966	97	1040		5			8300-2010	N3	
⑤ Scrapers for foodstuffs										
L x W mm		Weight g	Price €	Quantity	scale from	Scale price €	Item no.			
205 x 75		44		5			8300-4011	N3		
250 x 110		80		10			8300-4010	N3		

Plastic scoops and scrapers



① Hand shovel for industry

L x W mm	Total length cm	Weight g	Price €	Quantity scale from	Scale price €	Item no.	
315 x 247	51.5	509		5		8300-1003	N3
350 x 257	58.7	810		5		8300-1001	N3

② Filling scoops for industry

W x D x L mm	Total length cm	Weight g	Price €	Quantity scale from	Scale price €	Item no.	
110 x 150 x 250	25	90		10		8300-5001	N3
138 x 187 x 310	31	187		5		8300-5002	N3
167 x 230 x 355	35	289		5		8300-1002	N3

③ 2-part shovel for industry

Handle	W x D x L mm	Total length cm	Weight g	Price €	Quantity scale from	Scale price €	Item no.	
T	247 x 315 x 966	97	1004		5		8300-2001	N3
D	257 x 350 x 1045	104.5	1280		5		8300-3006	N3

④ Scrapers for industry

L x W mm	Weight g	Price €	Quantity scale from	Scale price €	Item no.	
205 x 75	44		10		8300-4001	N3
250 x 110	80		10		8300-4002	N3

Scoops and scrapers for industry

With anti-static additive, ideal for robust use in chemistry and industry. Polypropylene has a high resistance to chemicals and temperatures. The scoops are unbreakable, easy to clean and light-weight.

► Anti-static



Meat sampler for carcass sampling

Meat sampler for microbiological sampling of carcass surfaces. The samplers for carcass sampling are similar to a cork drill. They can be used in the punch process (a destructive process, also called the cork drill or excision process) to remove a circular sample of tissue of 5 cm² from the surface. After the punch sample is cut out, it is removed from the carcass with a scalpel and tweezers. The sharp cutting edge made of stainless steel makes it easy to cut out sample pieces. A hole in the crown prevents air compression and is also used to eject the samples.

The samplers are easy to sterilise, for example by flaming or steam sterilisation.

- For sampling in accordance with DIN EN ISO 17604:2015-12
- Cutting surface 25 mm Ø



BeefSteaker



The BeefSteaker meat sampler for manually cutting out a piece of tissue for microbiological sampling of carcass surfaces. The core bit is drilled in by hand.



BeefSteaker				
Dia. mm	Price €	Item no.		
25		5388-1000 N4		

Drill head for carcass sampling



The drill head for carcass sampling has a hexagonal socket for bit holders or chucks, suitable for all commonly used cordless screwdrivers or drilling machines.

Drill head for carcass sampling						
Dia. mm	Price €	Quantity scale from	Scale price €	Item no.		
25		10		5388-1010 N4		

IceSampler



Sampler developed for sampling from frozen, highly viscous, paste-like materials such as ice-cream and similar substances. The drill-shaped cutter screws itself into the frozen goods independently when being rotated. The collection cylinder can easily be detached via a bayonet connection. The sample is then available and can be removed.

- Stainless steel AISI 316L (1.4404), electro-polished
- Sterilisable
- Easy cleaning
- Collection cylinder 38 mm Ø

IceSampler					
Length mm	Volume ml	Price €	Item no.		
300	50		5339-0300 N2		
550	50		5339-0550 N2		
1050	50		5339-1050 N2		

Ice borer | for deep-frozen and semi-solid substances

Sampler for deep-frozen products in the food and luxury items sector and for semi-solid substances. The very robust hollow drill cuts quickly into the sample material with its sharp sawing crown. A sample cylinder (cross-section sample) can be cut out.

The ice drill can be mounted on your standard commercial drilling machine. The core bit drills quickly and easily down to the desired depth in the frozen material. This makes it possible to cut a representative core sample from all layers of the frozen medium without expending any great effort. Drilling core samples can be taken from a drilling depth of up to 100 or 200 mm, depending on the design. The ejector makes it easy to release the sample from the drill head.

Made of stainless steel AISI 316, the drill is sterilisable and suitable for use with foods. The ice drill is ideal for quality control in the food and animal feed industries and is also suitable for example for sampling frozen meat for meat inspections. Other deep-frozen substances can be sampled easily as well with the sampling drill, for example frozen liquids.

- ▶ Stainless steel AISI 316L (1.4404) / AISI 316 Ti (1.4571)
- ▶ Sterilisable
- ▶ Cross-section sample



Ice borer

Inner dia. mm	Outer dia. mm	Drilling depth mm	Price €	Item no.
8	10	100		5323-0190 N4
16	21	200		5323-0200 N4
50	54	200		5323-2010 N4



Soil sampler GeoSampler



Soil sampler for light soils, meadows and lawns. The foot bar of model 5350-5006 makes work much easier.

- Stainless steel

Soil sampler GeoSampler

Model	Total length cm	Flute length mm	Outer dia. mm	Inner flute dia. mm	Weight g	Price €	Item no.
without foot bar	56	300	17	11	550		5350-5003 N2
with foot bar	81	300	20	14	1500		5350-5006 N2

Soil sampler Puerckhauer



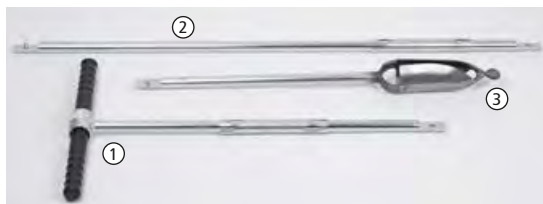
Very robust Puerckhauer-sampler for heavy and stony soils. Model 5350-5018 has a conically-tapered 60 cm tip which makes it much easier to extract the driven-in sampler. Ideal for N-min sampling 0–90 cm.

- Depth graduation 10 cm divisions
- Attachable handle, with non-slip plastic grips
- Reinforced impact head
- Stainless steel

Soil sampler Puerckhauer


Total length cm	Flute length mm	Outer dia. top mm	Outer dia. bot- tom mm	Inner flute dia. mm	Weight g	Price €	Item no.
81	600	20	20	13	2400		5350-5012 N2
117.5	1000	28	25	18	3800		5350-5018 N2

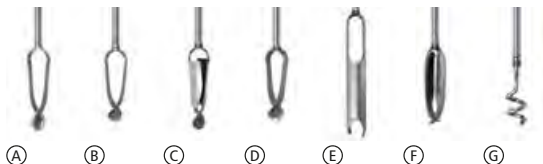
Mole with handle and bar




Very robust model with specially hardened forged drill bits. For determining soil properties, moisture and structure. The shape of the Mole's drill bits ensures minimum friction when drilling and removing the Mole from the ground. This reduces physical effort to a minimum.

The Mole has different components. Handle with 75 cm rod, extension rod 100 cm if necessary and one of seven available drill bits, each of which is designed for a particular soil type. The components can be combined without any problems. Extension rods can extend the working depth of the Mole down to 5 m.

 Please order drill bits separately!



① Mole with handle and bar			
Model	Length cm	Price €	Item no.
handle with rod, without drill bit	75		5350-1005 N4
 Accessories			
Description		Price €	Item no.
② Extension for mole			5350-1010 N4
Transport case LxWxH 123x25x11 cm			3600-2120 N4

Drill bits for mole

There are various drill bits for Mole, which are each designed for very specific soil properties:

Ⓐ Clay and damp soil

With narrow side panels for minimum soil friction/resistance. As wet soils are usually very cohesive, the soil still adheres to the bit very well.

Ⓑ Sand

With broad side panels and therefore a large retention capacity for the sand.

Ⓒ Coarse sand

With extra broad side panels enclosing even more of the bit so that even coarse sandy soils and very dry soils are retained.

Ⓓ Combination

Retains both strongly cohesive and less cohesive soils.

Ⓔ Riverside

Very suitable for drilling in hard, encrusted soils and soils mixed with fine gravel. The drill cutters project from the drill itself, so that friction is greatly reduced.

Ⓕ Gravel drill

With slightly rounded, oblique scoops which pull themselves downward in the gravel. Any stones present are clamped between the drill sides. Finer soil material (coarse sand with fine gravel) is retained in the drill bit.

Ⓖ Stone catcher

The stone catcher is used to collect and remove stones that prevent proper sampling with one of the other drill bits.

Drill bits for mole

Model	Price €	Quantity scale from	Scale price €	Item no.
Ⓐ clay and wet soils		5		5350-1015 N4
Ⓑ sand		5		5350-1020 N4
Ⓒ coarse sand		5		5350-1025 N4
Ⓓ combination		5		5350-1030 N4
Ⓔ riverside		5		5350-1035 N4
Ⓕ gravel drill		5		5350-1040 N4
Ⓖ stone catcher		5		5350-1045 N4

MiniTherm



This immersion/insertion thermometer is suitable for measuring temperatures in gases, soft or powdered substances and liquids.

New: The mini thermometer in watertight design can simply be rinsed under flowing water or even cleaned in a dishwasher.

- ▶ Easy and quick battery replacement, battery included
- ▶ Sensor directly in the measuring tip
- ▶ Handy
- ▶ Many uses

MiniTherm

Model	Measuring range °C	Length mm	Dia. mm	IP Code	Price €	Item no.
standard	-50 to +150	133	4	41		5384-0011 N2
watertight	-20 to +230	120	4	67		5384-0012 N2



SnowPack® dry ice machine



SnowPack® enables you to obtain a -79 °C dry ice tablet weighing 50 or 250 g within a few moments, without complicated technology and without electricity! You can therefore obtain low-cost cooling to very low temperatures at any time you like.

SnowPack® is often used in hospitals, universities, schools, institutes, laboratories, in the chemical industry and in materials testing facilities.

Examples of use: Lowering the temperature in cooling baths or cold traps, pre-cooling tissue samples, ensuring safe transport or embedding biological substances, freezing blood and tissue samples, studies in chemistry, physics and materials technology, etc.

Dry ice is easy to handle, odourless and flavourless. The SnowPack® dry ice machine can be installed on any commercial CO₂-bottle with a standpipe (without pressure regulator) (thread W 21.80 x 1/14" according to DIN 477-1 No. 6). These often exist in many production facilities and laboratories anyway. If this is not the case, a bottle can be rented for a small price from a local specialist gas distributor. For more info see page 234.

SnowPack® dry ice machine

Model	Tablet dia. x H mm	Weight g	Gas escape time approx. min	Tablets per 22 kg bottle	Price €	Item no.
SnowPack® 50	50 x 30	50	1	approx. 90		9805-0030 N4
SnowPack® 250	80 x 60	250	1	approx. 16		9805-0200 N4

Sample boxes, aseptic



Sample box with tightly closing sealing cover. The lid can be opened with one hand and its hinge angle is 90°. Liquid/condensate in the lid runs into an absorbing groove integrated in the lid, nothing is lost, nothing can drip. The box is completely tight, has no crevices, is therefore easy to fill and can be emptied without residues. The sample box is produced under aseptic conditions. It is autoclavable and suitable for deep freezing.

- ▶ PP, transparent
- ▶ Aseptic
- ▶ With area for labelling and with graduation

Sample boxes, aseptic

Capacity ml	Height mm	Dia. mm	Model	Price €	Quantity scale from	Scale price €	Item no.
50	78	31	with labelling area and graduation		650		6206-0060 N3
90	80	43	with labelling area and graduation at 80 ml		350		6206-0100 N3
300	88	75	graduated		240		6206-0300 N3



Tubes with screw cap



Shapely packing container with screw cap. Emptying without residues because there are no crevices, cost-effective.

- ▶ PP, white
- ▶ Sterilisable

Tubes with screw cap							   	
Capacity ml	Dia. mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.		
12	25	31		100		6214-0012	N3	
25	31	40		100		6214-0025	N3	
60	41	56		100		6214-0060	N3	
90	52	52		100		6214-0090	N3	
125	52	67		100		6214-0125	N3	
250	68	79		100		6214-0250	N3	
625	90	113		70		6214-0600	N3	
1000	102	129		80		6214-1000	N3	

Sample beaker with cover



Sample beaker with liquid-tight red screw-on cover. The sample beakers are aseptic and suitable for use with food. The beakers can be autoclaved without the cover.

- ▶ PP beaker, LDPE cover
- ▶ Temperature resistance of beaker -20 °C/+120 °C, cover -80 °C/+75 °C
- ▶ Aseptic

Sample beaker with cover							    	
Capacity ml	Dia. mm	Height mm	Price €	Quantity scale from	Scale price €	Item no.		
125	52	74		380		7103-0125	N3	

Aluminium bottle | light, unbreakable, seamless



The aluminium bottle is particularly suited for storing, transport or sending substances and reference samples which have to be stored completely unaltered. Other properties: can be completely emptied without residues, odour-neutral, impervious to light, rustproof.

- ▶ Pure aluminium (material AL 99.5)
- ▶ With tamper-evident screw cap made of PP with aluminium inner seal
- ▶ Suitable for food (exception: highly acidic and salt-containing foods)
- ▶ With UN approval, see page 273

Aluminium bottle

Capacity ml	Dia. mm	Height with cap mm	UN ap- proval	Price €	Quantity scale from	Scale price €	Item no.
38	35	70	1B1/X/250	387			0327-0038 N3
60	40	88	1B1/X/250	304			0327-0060 N3
120	57	97	1B1/X/250	143			0327-0120 N3
300	57	160	1B1/X/250	143			0327-0300 N3
600	74	192	1B1/X/250	84			0327-0600 N3
1200	88	248	1B1/X/250	60			0327-1200 N3
3000	161	215	1B1/X/250	168			0327-3000 N3
5600	161	340	1B1/X/250	168			0327-5600 N3

Sealable wide-necked bottles



Sturdy bottle with sealing eyelets on the screw cap and the bottle. Particularly suited for sending samples. Seals provide increased sample authenticity. Easy to fill due to wide opening. Particularly suitable for viscous media, powder, granules and pastes.

- ▶ HDPE
- ▶ Leakproof
- ▶ Easy to fill due to wide-necked opening

Sealable wide-necked bottles

Capacity ml	Container dia. mm	Neck dia. inside mm	Height with cap mm	Price €	Quan- tity scale from	Scale price €	Item no.
250	64	26.5	118		50		0322-0250 N3
500	78	40	147		50		0322-0500 N3
1000	100	50	186		50		0322-1000 N3
2000	120	50	230		50		0322-2000 N3

Accessories

Description	Price €	Item no.
SampleSafe seal, red, 100 pieces		5399-2902 N4