Repro sample divider | high-precision sample divider



- Speed of rotation 100 rpm
- Accuracy of rotation 0.1 mm
- Funnel volume 110 ml
- Sample tubes max. 30 mm Ø, 73 mm height

What use is the high precision of modern analytical systems in the PPB range, if sampling and sample division are not carried out with the same degree of accuracy?

Inadequate sampling and sample division result in unsatisfactory and even incorrect analyses. These are worthless, or unnecessarily expensive because a wrong analysis can only produce incorrect results from which any conclusions obtained are "paid for dearly". Reliable information about the properties of particle systems involving powders are only possible if

1. representative all-layer samples are taken with a suitable sampler.
2. the sample quantity, which is usually far too large, is reduced to a practical sample size while precisely retaining the original composition.

The **Repro high precision sample divider** meets these demands for the first time, thereby setting a new standard worldwide. The Repro's patented vibration system allows reproducible sample divisions < 1 g with the highest degree of accuracy.

What is the difference between the Repro and conventional sample dividers? In the Repro, it is not just the feed channel that vibrates, but the complete distributor head. In this way, samples and particularly poorly flowing substances such as lactose are transported better in the vibrating distributor head. As in all great inventions, this is a small but crucial advantage, which is why this principle has been patented! This new technique has decisive advantages if small, very small or toxic samples have to be divided and/or the highest degree of accuracy is required for the sample division which must also be reproducible. This is why our sample divider is called Repro!

Customer-specific sample containers. The Repro conforms to your wishes. You can still use your usual sample tubes of all shapes and sizes (max. Ø 30 mm, height 73 mm). The sample containers are simply inserted in the quick-action clamps of the distributor head.
Sample division in a fume cupboard. The sample divider and control unit are separate, which makes possible a sample division in a fume cupboard, e.g. with toxic substances.
Cleaning function/residue removal ensures residue-free emptying of the feed channel and the distributor head and guarantees that the whole of the original sample amount is fed through the sample divider. Nothing is retained - which is the only way of ensuring that all of the original sample is contained in all the part-samples.

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Vibration steplessly adjustable. The strength of vibration of the feed channel and distributor head can be set steplessly between 0 % and 100 %. This means that the material flow, depending on the flow behaviour of the sample, can be controlled during the whole division process.

Laser diffraction. A typical field of application for the new Repro has opened up in particle size analysis by laser diffraction spectroscopy. Sample amounts of < 0.1 g are used for analyses in the laboratory. The Repro vastly improves the reproducibility and meaningfulness of the results.

Easy handling. The operation and handling of the device is simple. The sample tubes are easily and quickly inserted in the self-locking holders and sample division can start immediately. Operation takes place via a membrane-protected keyboard.

High quality materials. All parts coming into contact with the sample are made of stainless steel and aluminium equipped with an abrasion-resistant non-stick coating for ideal sample transport. The housing is made of electro-polished stainless steel.

Summary. Samples divided with the high-performance sample divider Repro are characterised by a significantly lower variation between all part-samples. As a result of the vibration of all device components transporting samples, the sample is distributed and divided considerably more evenly and therefore more exact than was previously possible. The cleaning function guarantees complete sample removal, the sample is divided down to the last particle. In this way, the Repro defines a new technological standard and should always be used wherever the best possible analytical results are required.
Only when all the links in the sampling chain, sample division and analysis are of the same strength will the results and the conclusions drawn from them lead to success.

Repro sample divider			
Price €		Item no.	
8614.45		5500-1000	N2
Accessories			
Description	Price €	Item no.	
Predivider for Repro	482.30	5500-0200	N2
Sampling tubes with lid, 5 ml	2.53	5500-0915	N2
Sampling tubes with lid, 10 ml	2.53	5500-0916	N2

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 four lengths. 55 cm (especially suitable for sacks), 85 cm long (especially for barrels, tubs, mixed containers) and 150 cm as well as 250 cm 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 multi samplers and single samplers

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 V4A (1.4404)
- 25 mm Ø

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

All-layer-sampler

Material	Total length cm	Insertion depth mm	No. of openings	Chamber volume ml	Price €	Item no.	
aluminium	55	430	3	70	147.35	5317-2055	N4
aluminium	85	710	3	130	160.05	5317-2085	N4
aluminium	150	1355	5	260	208.40	5317-2150	N4
V4A	55	430	3	70	489.15	5316-2055	N4
V4A	85	710	3	130	564.00	5316-2085	N4
V4A	150	1355	5	260	679.00	5316-2150	N4



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

- Aluminium anodised, V4A (1.4404) or V4A/PTFE
- Version made of V4A/PTFE with low weight due to PTFE sample chambers.
- With colour coding system
- 25 mm Ø

Multi sampler

Material	Total length cm	Insertion depth mm	Number of collection chambers	Chamber volume ml	Price €	Item no.	
aluminium	55	430	3	14	163.55	5317-1058	N4
aluminium	85	710	3	17	181.85	5317-1085	N4
aluminium	150	1355	5	17	234.80	5317-1150	N4
V4A	55	430	3	14	534.00	5316-3055	N4
V4A	85	710	3	17	572.00	5316-3085	N4
V4A	150	1355	5	17	723.85	5316-3150	N4
V4A/PTFE	55	430	3	14	347.65	5316-0055	N4
V4A/PTFE	85	710	3	17	390.15	5316-0085	N4
V4A/PTFE	150	1355	5	17	569.75	5316-0150	N4



Uno sampler made of stainless steel V4A/PTFE with a closed sample chamber for point sampling from a predetermined sampling depth.

- Outer tube stainless steel V4A (1.4404), sample chambers made of PTFE
- With colour coding system
- 25 mm Ø

Uno sampler

Material	Total length cm	Insertion depth mm	Number of collection chambers	Chamber volume ml	Price €	Item no.	
V4A/PTFE	55	430	1	17	354.50	5316-1055	N4
V4A/PTFE	85	710	1	17	397.10	5316-1085	N4
V4A/PTFE	150	1355	1	17	581.20	5316-1150	N4
V4A	150	1355	1	17	581.20	5316-4150	N4



close-it seals openings. See page 88.

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	85	aluminium	710	3	880	364.95	5319-1085	N4
All layer - open inner tube	150	aluminium	1355	5	1700	516.70	5319-1150	N4
All layer - open inner tube	250	aluminium	2355	7	2900	583.60	5319-1250	N4
Multi - closed chambers	85	aluminium/PTFE	710	3	390	564.00	5319-2085	N4
Multi - closed chambers	150	aluminium/PTFE	1355	5	650	662.95	5319-2150	N4
Multi - closed chambers	250	aluminium/PTFE	2355	7	910	791.75	5319-2250	N4

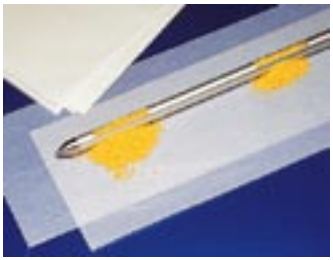
Accessories for zone samplers



Emptying device



Zone sampler sealing sleeves



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	V2A	100	286.60	5	262.35	5317-0030	N4
emptying funnel separate	V2A		44.70	3	40.50	5317-0033	N4

Sealing sleeves

Dia. mm	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.	
25	3	21.65	10	19.45	5317-0011	N4
50	3	28.20	10	25.45	5317-0010	N4

Quali-Paper

L x W cm	Price €	Pieces per pack	Quantity scale from	Scale price €	Item no.	
100 x 23	27.95	50	10	25.55	5317-0001	N4

Cleaning brushes

Dia. mm	Length cm	Material	Price €	Quantity scale from	Scale price €	Item no.	
25	40	PVC/stainless steel	35.60	10	33.70	5304-0040	N4
25	60	PVC/stainless steel	35.60	10	33.70	5304-0060	N4
25	80	PVC/stainless steel	35.60	10	33.70	5304-0080	N4
25	100	PVC/stainless steel	35.60	10	33.70	5304-0100	N4
50	100	PVC/stainless steel	39.00	5	35.15	5304-5100	N4
50	300	PVC/stainless steel	79.45	5	71.60	5304-5300	N4

Zone sampler Spiralus



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

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 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	369.55	5318-0145	N4
200	8	2000	1100	496.15	5318-0200	N4

Accessories

Description	Price €	Item no.	
Cleaning brushes 50 mm dia., length 1000 mm	39.00	5304-5100	N4

EasySampler | easy to empty







- Stainless steel V4A (1.4404)
- For sample opening from 52 mm Ø
- Length of the sample chamber 500 mm

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.

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

EasySampler

Tube Ø mm	Total length cm	Volume ml	Price €	Item no.	
32	104,5	200	450.05	5360-1000	N2

All-layer drill



Florian Bippus, Sales Export:

"If you're stuck and can't get any further, sometimes you need a new approach."







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 V4A (1.4404)
- 25-mm diameter

Use

1. The all-shift drill is screwed manually into the bulk material
2. The chambers are opened at the desired sample depth and the sample material flows in
3. Close the chambers
4. Remove or unscrew the all-shift drill
5. Empty the sample through the open inner tube

All-layer drill

Material	Total length cm	Insertion depth mm	Number of collection chambers	Price €	Item no.
V4A	150	1355	5	1018.90	5310-0150 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 V4A (1.4404) and PTFE

All-layer-scratcher			
Dia. mm	Length mm	Price €	Item no.
25	1000	332.60	5351-1000 N2

Accessories

Description	Price €	Item no.
Cleaning brushes 25 mm dia., length 100 cm	35.60	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 V4A (1.4404)
- Electro-polished
- Total length 1000 mm

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	25	818.80	5347-0005 N2
10	45	25	857.60	5347-0010 N2
25	110	25	898.55	5347-0025 N2



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.
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







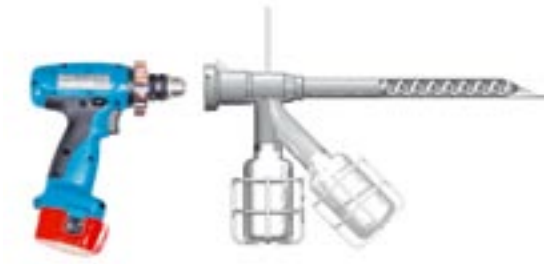


- Many uses
- Stainless steel V4A (1.4404)
- Incl. motor 12 V, two re-chargeable batteries, fast charger, clip for holding the bag and cleaning brush
- Additional augers available as accessory

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.
3. Any excess sample remaining in the lance is returned to the sack by reversing the spiral screw direction





PowderProof for horizontal … … and vertical use

PowderProof					
Model	Lance	Length cm	Price €	Item no.	
for powders up to 2mm dia.	horizontal	30	1522.50	5302-0302	N2
for powders up to 2mm dia.	vertical	60	1637.50	5302-0602	N2
for powders up to 2mm dia.	vertical	90	1714.70	5302-0902	N2
for powders up to 2mm dia.	vertical	120	1901.15	5302-1202	N2
for granules from 2 up to 4mm dia.	horizontal	30	1522.50	5302-0301	N2
for granules from 2 up to 4mm dia.	vertical	60	1637.50	5302-0601	N2
for granules from 2 up to 4mm dia.	vertical	90	1714.70	5302-0901	N2
for granules from 2 up to 4mm dia.	vertical	120	1901.15	5302-1201	N2

Accessories			
Description	Price €	Item no.	
Spiral screw for PowderProof for powders up to 2mm dia., 30 cm	223.35	5302-0312	N2
Spiral screw for PowderProof for powders up to 2mm dia., 60 cm	242.90	5302-0612	N2
Spiral screw for PowderProof for powders up to 2mm dia., 90 cm	267.05	5302-0912	N2
Spiral screw for PowderProof for powders up to 2mm dia., 120 cm	287.75	5302-1212	N2
Spiral screw for PowderProof for granules from 2 up to 4mm dia., 30 cm	223.35	5302-0311	N2
Spiral screw for PowderProof for granules from 2 up to 4mm dia., 60 cm	242.90	5302-0611	N2
Spiral screw for PowderProof for granules from 2 up to 4mm dia., 90 cm	267.05	5302-0911	N2
Spiral screw for PowderProof for granules from 2 up to 4mm dia., 120 cm	287.75	5302-1211	N2
Bag clip for PowderProof	14.20	0006-6259	N4
Transport case L x W 121 x 22,5 cm	88.80	3600-2120	N4
Sampling bottle LDPE 500 ml	2.60	0318-0500	N3
Basket for sample bottles	70.25	5302-2050	N2
Packaging bags with closure, 170x120 mm, 400 ml, 100 pieces	8.60	2348-0005	N3

SiloDrill | for sampling from silo vehicles

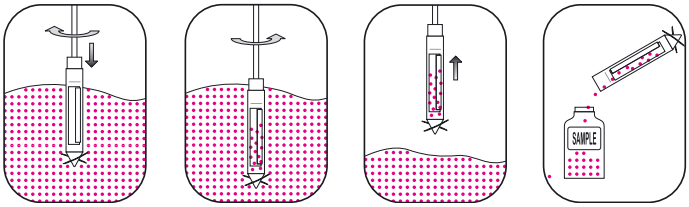




Utility model

- Drill tip with drilling blades for easy boring

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 V2A (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

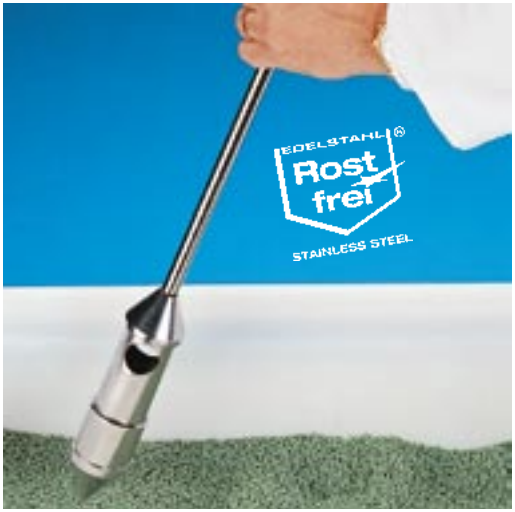
SiloDrill

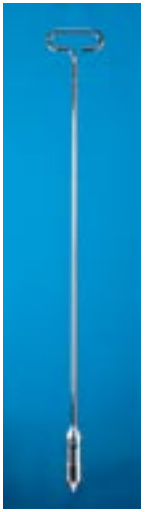
Material	Total length cm	Spiral screw dia. mm	Chamber dia. mm	Volume ml	Price €	Item no.	
aluminium	150	90	40	400	426.30	5301-1000	N4
V2A	150	90	40	400	2390.45	5301-2000	N4

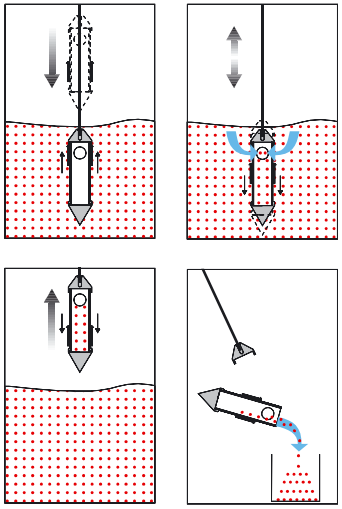
Accessories

Description	Price €	Item no.	
SiloDrill extension V2A, 100 cm	87.60	5301-0500	N4
Transport case L x W 121 x 22,5 cm	88.80	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 V4A (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	329.20	5340-1100	N4

Accessories

Description	Price €	Item no.	
SiloPicker extension 50 cm	45.20	5380-0508	N4
SiloPicker extension 100 cm	52.55	5380-1008	N4
SiloPicker handle	53.35	0006-8112	N4
SiloPicker sample container	222.20	5340-0100	N4
Transport case L x W 121 x 22,5 cm	88.80	3600-2120	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 (Duo-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 | pharma zone sampler according to FDA guidelines for unit-dose sampling



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

Novartos was developed in co-operation with a globally-operating pharmaceuticals and chemicals corporation located in Basel, Switzerland.

- The sample inserts fit precisely and can easily be replaced.
- Inserts are available in volumes from 0 to 4.0 ml
- The insertion depths can easily be read from the laser-engraved depth scale
- Stainless steel V4A (1.4404 / 1.4571)
- Groove-free and hand-polished
- 25 mm Ø



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



Novartos double-sample



Computer optimized inserts

Please order inserts separately!

Novartos the Pharma zone sampler according to FDA Guidelines Unit-Dose-Sampling. It is now possible to withdraw a double-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 Uno for targeted sampling
- Novartos Multi enables all-layer samples

Novartos Multi

Model	Length mm	Price €	Item no.	
without inserts	1000	1439.55	5358-1000	N4

Accessories

Description	Price €	Item no.	
Transport case L x W 121 x 22,5 cm	88.80	3600-2120	N4

Novartos Uno

Model	Length mm	Price €	Item no.	
without inserts	600	977.10	5358-0600	N4
without inserts	1000	1002.40	5358-1001	N4
without inserts	1400	1002.40	5358-1400	N4

Accessories

Description	Price €	Item no.	
Transport case L x W 121 x 22,5 cm	88.80	3600-2120	N4

Accessories

Description	Price €	Item no.	
Inserts for Novartos Multi capacity 0,0 ml	77.20	5358-0000	N4
Inserts for Novartos Multi, capacity 0,5 ml	89.60	5358-0005	N4
Inserts for Novartos Multi, capacity 1 ml	89.60	5358-0010	N4
Inserts for Novartos Multi capacity 1,5 ml	89.60	5358-0015	N4
Inserts for Novartos Multi, capacity 2 ml	89.60	5358-0020	N4
Inserts for Novartos Uno, capacity 0 ml	77.20	5358-0100	N4
Inserts for Novartos Uno, capacity 0,5 ml	89.60	5358-0105	N4
Inserts for Novartos Uno, capacity 1 ml	89.60	5358-0110	N4
Inserts for Novartos Uno, capacity 2 ml	89.60	5358-0120	N4
Inserts for Novartos Uno, capacity 3 ml	89.60	5358-0130	N4
Inserts for Novartos Uno, capacity 4 ml	89.60	5358-0140	N4

MicroSampler | useful for taking small samples, sterilisable



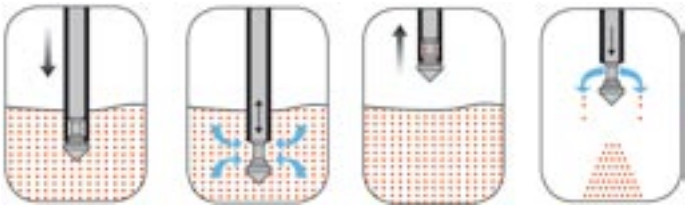
Use

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 V4A (1.4404)
- Sterilisable
- Additional tips are available in different sizes

⚠ Please order lance and head separately!



MicroSampler

Tube Ø mm	Length cm	Model	Price €	Item no.
12	55	without head	199.05	5307-1055 N4
12	85	without head	221.00	5307-1085 N4
12	120	without head	240.55	5307-1120 N4
25	55	without head	258.95	5307-2055 N4
25	85	without head	279.75	5307-2085 N4
25	120	without head	298.10	5307-2120 N4

Accessories

Description	Price €	Item no.
MicroSampler heads fits tube with 12 mm dia., capacity 0,2 ml	59.90	5307-0102 N4
MicroSampler heads fits tube with 12 mm dia., capacity 0,5 ml	59.90	5307-0105 N4
MicroSampler heads fits tube with 12 mm dia., capacity 1ml	59.90	5307-0110 N4
MicroSampler heads fits tube with 25 mm dia., capacity 2 ml	81.80	5307-0202 N4
MicroSampler heads fits tube with 25 mm dia., capacity 5 ml	81.80	5307-0205 N4
MicroSampler heads fits tube with 25 mm dia., capacity 10 ml	81.80	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 disk sleeve closes the collection cylinder automatically.
3. The disk 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 V4A
- electro-polished

⚠ Please order lance and head separately!

PharmaPicker			
Model	Price €	Item no.	
with collection cylinder for 0.10 - 1.20 ml, without head	309.65	5346-1000	N2
with collection cylinder for 1.25 - 2.50 ml, without head	309.65	5346-2000	N2
Case, completely	1509.90	5346-0010	N2

Accessories

Description	Price €	Item no.	
Volume heads for PharmaPicker, capacity 0,10 ml	61.15	5346-1010	N2
Volume heads for PharmaPicker, capacity 0,20 ml	61.15	5346-1020	N2
Volume heads for PharmaPicker, capacity 0,60 ml	61.15	5346-1060	N2
Volume heads for PharmaPicker, capacity 1,00 ml	61.15	5346-1100	N2
Volume heads for PharmaPicker, capacity 2,00 ml	61.15	5346-2200	N2
Volume heads for PharmaPicker, capacity 2,50 ml	61.15	5346-2250	N2

Accessories

Description	Price €	Item no.	
Extension rod PharmaPicker 500 mm	45.20	5380-0506	N4
Extension rod PharmaPicker 1000 mm	52.55	5380-1006	N4
Collection cylinder for 0,10 - 1,20 ml, without volume head	200.30	5346-1001	N2
Collection cylinder for 1,25 - 2,50, without volume head	191.10	5346-2001	N2
Handle PharmaPicker	53.35	0006-8113	N3

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 V4A (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	432.05	5	345.60	5324-0001	N2

StickProof



Sampler for powder in the pharma area, made of stainless steel V4A, 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.

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

- Surface electro-polished
- Various sample quantities up to approx. 50 ml
- Incl. clamp and 100 PE sampling bags 120 x 170 mm

StickProof

Length mm	Dia. mm	Price €	Item no.	Quantity scale from	Scale price €	
410	25	258.95	5338-0410	5	233.70	N4
1100	25	312.00	5338-1100	5	280.90	N4

Accessories

Description	Price €	Item no.	
StickProof clamp	13.30	5338-0001	N2
Packaging bags with closure, 170x120 mm, 400 ml, 100 pieces	8.60	2348-0005	N3

close-it control seals see page 88

Sampling lance Milky | acc. to EN ISO 707



Universal powder and granules sampler made of stainless steel V4A. 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.



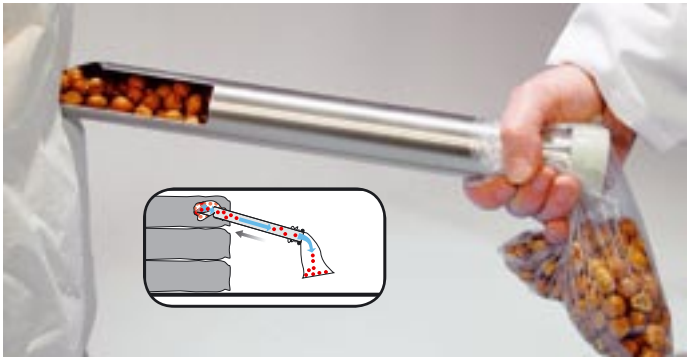
- Stainless steel V4A (1.4404)
- Insertion depth 385 mm
- Total length 480 mm
- Outer diameter approx. 28 mm

close-it seals and close-it food lock seals ensure non-leak closure of the insertion point in bags and BigBags. See page 88.

Sampling lance Milky

Volume ml	Price €	Quantity scale from	Scale price €	Item no.	
150	143.95	5	127.80	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 V4A (1.4404)
- Special geometry of the tip

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	91.05	10	87.45	5382-0040	N4
80	40	118.60	10	108.25	5382-0080	N4

Accessories

Description
close-it control seals see page 88

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







The core sampler 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.
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 (1.4404) approved for use with foodstuffs 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 V4A in use

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



close-it seals and close-it food lock seals ensure non-leak closure of the insertion point in bags and BigBags.
See page 88.

QuickPicker

Material	Insertion depth mm	Total length cm	Volume ml	Price €	Quantity scale from	Scale price €	Item no.
V4A	300	50	75	192.30	5	173.90	5322-1300 N4
PP, transparent	300	50	75	120.95	5	109.45	5322-0300 N4

Accessories

Description	Price €	Item no.
Sampling bottle LDPE, 250 ml	1.60	0318-0250 N3
Sampling bottle PP, 250 ml	1.78	0319-0250 N3
Transport case for QuickPicker	24.05	3600-3000 N3
close-it control seals see page 88		

close-it control seal | essential for sampling

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



close-it control seal | essential for sampling

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	57.05	10	51.00	5303-0012 N4
yellow	printed	95 x 95	500	57.05	10	51.00	5303-0014 N4
blue	printed	95 x 95	500	57.05	10	51.00	5303-0015 N4
green	printed	95 x 95	500	57.05	10	51.00	5303-0016 N4
black	printed	95 x 95	500	57.05	10	51.00	5303-0011 N4
white	unprinted	95 x 95	500	57.05	10	51.00	5303-0002 N4

Accessories

Description	Price €	Item no.
close-it dispenser for labels with 95 x 95 mm	77.20	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	79.95	10	74.55	5303-1012 N4
yellow	printed	150 x 150	250	79.95	10	74.55	5303-1014 N4
blue	printed	150 x 150	250	79.95	10	74.55	5303-1015 N4
green	printed	150 x 150	250	79.95	10	74.55	5303-1016 N4
black	printed	150 x 150	250	79.95	10	74.55	5303-1011 N4
white	unprinted	150 x 150	250	79.95	10	74.55	5303-1002 N4

Accessories

Description	Price €	Item no.
close-it dispenser for labels with 150 x 150 mm	108.25	5303-9100 N4

Control seal close-it*food*



Heidi Nönninger, Sales Germany:

"Because our customers in the food and pharmaceutical industries also appreciate colourful variety, close-it food is now available in all colours and sizes."

In response to numerous requests from our customers, we have developed close-it*food*, 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* 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* has a barrier layer of aluminium foil. This means that close-it*food* 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* 95x95

Colour	Model	W x H mm	Pieces per roll	Price €	Quantity scale from	Scale price €	Item no.	
red	printed	95 x 95	500	57.05	10	51.00	5303-2017	N4
yellow	printed	95 x 95	500	57.05	10	51.00	5303-2020	N4
blue	printed	95 x 95	500	57.05	10	51.00	5303-2021	N4
green	printed	95 x 95	500	57.05	10	51.00	5303-2022	N4
black	printed	95 x 95	500	57.05	10	51.00	5303-2023	N4
white	unprinted	95 x 95	500	57.05	10	51.00	5303-2018	N4

Accessories

Description	Price €	Item no.	
close-it dispenser for labels with 95 x 95 mm	77.20	5303-9000	N4

Control seal close-it*food* 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	79.95	10	74.55	5303-3017	N4
yellow	printed	150 x 150	250	79.95	10	74.55	5303-3020	N4
blue	printed	150 x 150	250	79.95	10	74.55	5303-3021	N4
green	printed	150 x 150	250	79.95	10	74.55	5303-3022	N4
black	printed	150 x 150	250	79.95	10	74.55	5303-3023	N4
white	unprinted	150 x 150	250	79.95	10	74.55	5303-3018	N4

Accessories

Description	Price €	Item no.	
close-it dispenser for labels with 150 x 150 mm	108.25	5303-9100	N4

close-it tape







Besides the individually detachable close-it and close-it*food* 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 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 in white with tear-off lines. It can be labelled with permanent ink and locks gas-proof. Available in the classic close-it design, as well as close-it tape*food*, with a food-compatible adhesive.

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

close-it tape

Width mm	Model	Length m	Price €	Quantity scale from	Scale price €	Item no.
95	standard	50	57.05	10	51.00	5303-0017 N4
150	standard	50	79.95	10	74.55	5303-1017 N4
95	food	50	57.05	10	51.00	5303-2019 N4
150	food	50	79.95	10	74.55	5303-3019 N4

Accessories

Description	Price €	Item no.
close-it dispenser for labels with 95 x 95 mm	77.20	5303-9000 N4
close-it dispenser for labels with 150 x 150 mm	108.25	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!

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

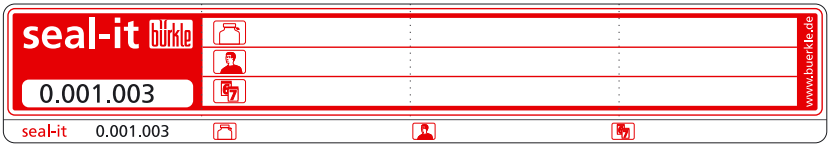
close-it can be manufactured with or without carrier paper perforations. Different numbers of close-it labels can be supplied in a single roll.



Different draft variants of close-it



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.

seal-it security seal

Length mm	Width mm	Colour	Pieces per roll	Price €	Quantity scale from	Scale price €	Item no.	
178	30	red	500	119.00	5	114.60	5399-0003	N4

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	77.20	5303-9000	N4
for labels with 150 x 150 mm	108.25	5303-9100	N4

Tamper proof labels safe-it and secure-it





The safety labels safe-it and secure-it are used as originality seals 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 checkerboard 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	86.20	5	77.50	5303-5000	N4

Accessories

Description	Price €	Item no.	
close-it dispenser for labels with 95 x 95 mm	77.20	5303-9000	N4

Tamper proof labels secure-it



When the secure-it security label has been broken, a bright purple stop sign pattern appears on both the subsurface and surface of the sticker itself. A labeling field is available for comments and notes.

- With labeling field
- With stop sign pattern
- Visible proof of tampering

Tamper proof labels secure-it

W x H mm	Pieces per roll	Price €	Quantity scale from	Scale price €	Item no.	
95 x 20	500	129.85	5	116.95	5303-5010	N4

Accessories

Description	Price €	Item no.	
close-it dispenser for labels with 95 x 95 mm	77.20	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	65.75	10	62.25	5399-2902	N2