

TOPSELLERS

PHARMA – SAMPLING



In order to meet the high requirements for sampling in the pharmaceuticals industry it is essential to use special materials with excellent surface qualities. To prevent cross-contamination it is also important that samplers are without edges, crevices or undercuts in which sample residues could collect and contaminate subsequent samples. The samplers that we are presenting fulfill these requirements. Most of them meet GMP and FDA regulations.

All-layer-sampler

For cross-section samples through all layers of the sample.

Multi sampler

Multi-samples from several predefined sample depths for separated analysis.

Uno sampler

Uno-sampler made of stainless steel 316/PTFE, with one closed chamber, for a targeted sample from a specific sample depth.



Close-it food

Close-it food a control seal with an adhesive approved for use with foodstuffs, and also ensures the necessary success when resealing sampling openings, as it reliably prevents products from leaking out after sampling.

Close-it food is suitable for sampling foodstuffs, pharmaceuticals, cosmetics, food additives.



Zone samplers, Ø 25 mm						
Type	Material	Total length cm	Inseration depth mm	Number of chambers	Chamber volumen ml	Article No.
All-layer-sampler	V4A	55	430	3	70	5316-2055 N4
All-layer-sampler	V4A	85	710	3	130	5316-2085 N4
All-layer-sampler	V4A	150	1355	5	260	5316-2150 N4
Multi sampler	V4A	55	430	3	14	5316-3055 N4
Multi sampler	V4A	85	710	3	17	5316-3085 N4
Multi sampler	V4A	150	1355	5	17	5316-3150 N4
Uno sampler	V4A/PTFE	55	430	1	17	5316-1055 N4
Uno sampler	V4A/PTFE	85	710	1	17	5316-1085 N4
Uno sampler	V4A/PTFE	150	1355	1	17	5316-1150 N4

Close-it food printed			
W x H mm	Color	Pieces per roll	Article No.
95 x 95	rot	500	5303-2017 N4
150 x 150	rot	250	5303-3017 N4

Close-it food unprinted			
W x H mm	Color	Pieces per roll	Article No.
95 x 95	weiß	500	5303-2018 N4
150 x 150	weiß	250	5303-3018 N4

Novartos

Pharma zone sampler according to FDA guidelines for unit-dose sampling.

- ▶ The precise-fitting sampling sets from 0.0 to 4.0 ml are easily replaceable
- ▶ Double-sample according to the guidelines for unit-dose sampling
- ▶ AISI 316 (1.4404) stainless steel
- ▶ Please order inserts separately



Sampling inserts for Novartos Uno, 2 chambers required

Capacity ml	Article No.
0,5	5358-0105 N4
1,0	5358-0110 N4
1,5	5358-0115 N4
2,0	5358-0120 N4
2,5	5358-0125 N4
3,0	5358-0130 N4
3,5	5358-0135 N4
4,0	5358-0140 N4

Sampling inserts for Novartos Multi, 14 chambers required

Capacity ml	Article No.
0,5	5358-0005 N4
1,0	5358-0010 N4
1,5	5358-0015 N4
2,0	5358-0020 N4

Novartos Uno, w/o inserts Ø 25 mm		
Length mm	Article No.	
600	5358-0600	N4
1000	5358-1001	N4
1400	5358-1400	N4

Novartos Multi, w/o inserts Ø 25 mm		
Length mm	Article No.	
1000	5358-1000	N4

PharmaPicker

Through simply replacing the volume heads (0.1 - 1.2 ml or 1.25 - 2.25 ml) in the collection cylinders, the sample volume can be changed. PharmaPicker is 100 cm long and can be extended several times by 50 or 100 cm, max. length 3.5 m. PharmaPicker is available as single version or as set in a practical case. PharmaPicker-Case: collection cylinders in both sizes, extension rod (each 50 and 100 cm), handle, volume heads 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 sampling volumes available on request), transport case.

- ▶ AISI 316 (1.4404) stainless steel
- ▶ Electropolished
- ▶ Please order tip container volume separately

PharmaPicker 600 mm, with collection cylinder

Type	Capacity tip	Article No.
Case, completely		5346-0010 N2
PharmaPicker 1	0,10 bis 1,00	5346-1000 N2
PharmaPicker 2	1,25 bis 2,50	5346-2000 N2

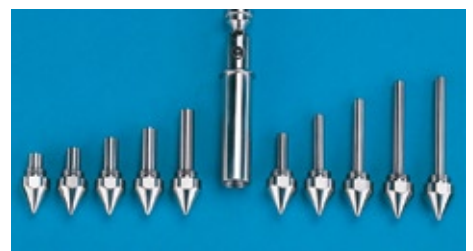
Tip Container capacities

for PharmaPicker 5346-1000
0,1 ml 0,2 ml 0,25 ml 0,3 ml 0,4 ml 0,5 ml 0,6 ml 0,7 ml 0,8 ml 0,9 ml 1,0 ml 1,1 ml 1,2 ml

for PharmaPicker 5346-2000
1,25 ml 1,3 ml 1,4 ml 1,5 ml 1,6 ml 1,7 ml 1,8 ml 1,9 ml 2,0 ml 2,1 ml 2,2 ml 2,3 ml 2,4 ml 2,5 ml

Article No. 5346- + capacity. Ordering example:

Capacity	Article No.
0,1 ml (to 1,2 ml)	5346-1010 N2
1,25 ml (to 2,5ml)	5346-2125 N2



MicroSampler

Specially designed for removal of the smallest quantities of powders. Sample quantities of 0.2 ml, 0.5 ml, 1.0 ml, 2.0 ml, 5.0 ml and 10 ml can be taken at varying depths from sacks or containers in a clean, fast and simple way.

- ▶ AISI 316 (1.4404) stainless steel
- ▶ Head removable, easy cleaning



MicroSampler V4A, without head

Tube-dia. mm	Length cm	Article No.
12,5	55	5307-1055 N4
12,5	85	5307-1085 N4
12,5	120	5307-1120 N4
25,0	55	5307-2055 N4
25,0	85	5307-2085 N4
25,0	120	5307-2120 N4

Heads, please order lance and head separately

Tube-dia. mm	Capacity ml	Article No.
12,5	0,2	5307-0102 N4
12,5	0,5	5307-0105 N4
12,5	1,0	5307-0110 N4
25,0	2,0	5307-0202 N4
25,0	5,0	5307-0205 N4
25,0	10,0	5307-0210 N4

Single use disposable samplers

Collect samples – instead of wasting time with cleaning! Disposable product – unpack, take sample, recycle! Samplers made of environmentally-friendly, recyclable PE. No contamination by other samples; No complicated, time-consuming and expensive cleaning.



ViscoDispo: Disposable sampler for high-viscosity liquids up to max. 100,000 cP.

LiquiDispo: Disposable sampler for low-viscosity liquids up to approx. 10,000 cP.

PowderDispo: The disposable PowderDispo is ideal for taking a cross sectional sample from within a bulk powder.

ZoneDispo: Disposable sampler for pourable bulk goods up to 2 mm particle size. Hole diameter 11 mm.

Type	Length mm	Capacity ml	No. of openings	Material	Pieces per pack	Article No.
LiquiDispo	500	100		HDPE	20	5393-1120 N3
LiquiDispo	500	100		HDPE / sterilized	20	5393-1121 N3
LiquiDispo	1000	190		HDPE	20	5393-1130 N3
LiquiDispo	1000	190		HDPE / sterilized	20	5393-1131 N3
ViscoDispo	500	100		HDPE	20	5393-3320 N3
ViscoDispo	500	100		HDPE / sterilized	20	5393-3321 N3
ViscoDispo	1000	190		HDPE	20	5393-3330 N3
ViscoDispo	1000	190		HDPE / sterilized	20	5393-3331 N3
PowderDispo	620	100		HDPE	20	5393-5522 N3
PowderDispo	620	100		HDPE / sterilized	20	5393-5521 N3
ZoneDispo	500	100	3	HDPE	20	5393-4420 N3
ZoneDispo	500	100	3	HDPE / sterilized	20	5393-4421 N3

SteriPlast

SteriPlast products save time and money during sterile sampling. Time-consuming sterilization, packaging and storing the samplers is not necessary.

- ▶ sterile samplers for single use



SteriPlast				
Type	Insertion depth mm	Pieces per pack	Quantity scale from	Article No.
sample spoons	125	100	10	5378-1125 N4
sample spoons	150	100	10	5378-1150 N4
Sampling spade	152	10	10	5378-2000 N4
SteriPlast sampling spade				
Capacity ml	Length mm	Pieces per pack	Quantity scale from	Article No.
60	178	10	10	5378-0060 N4
125	190	10	10	5378-0125 N4

SteriBag

The multifunctional packaging/sampling bag for very different kinds of samples in chemistry, pharmaceuticals, medicine, veterinary science and foodstuffs. The bags are made of superpolyethylene and consequently are exceptionally tear-proof and leakproof. SteriBag is also distinguished by its safe handling. Built-in safety: the tab-ends are sealed in plastic film to prevent skin injuries.

- ▶ Sterilized
- ▶ Free from RNase, DNase, and Pyrogenen
- ▶ Leakproof
- ▶ Space-saving
- ▶ complies with FDA- and HACCP guidelines
- ▶ With practical tear-off seal
- ▶ Proven millions of times

SteriBag, without labelling area				
Capacity ml	L x W mm	Pieces per pack	Article No.	
60	127 x 76	500	5344-0060	N3
150	178 x 76	500	5344-0180	N3
450	229 x 114	500	5344-0540	N3
650	229 x 140	500	5344-0720	N3
900	305 x 114	500	5344-0810	N3
1650	305 x 178	250	5344-1650	N3

SteriBag, with labelling area				
Capacity ml	L x W mm	Pieces per pack	Article No.	
60	127 x 76	500	5344-0061	N3
150	178 x 76	500	5344-0181	N3
450	229 x 114	500	5344-0541	N3
650	229 x 140	500	5344-0721	N3
900	305 x 114	500	5344-0811	N3
1650	305 x 178	250	5344-1651	N3



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-sterilized and can therefore be made completely germ-free.

- ▶ Stainless steel scoop AISI 304 (1.4301), complete with rod
- ▶ Sterilizable by flaming or steam sterilization

Stainless steel scoop			
Total length cm	Capacity ml	Article No.	
115	1000	5354-1000	N4



Mini ViscoSampler

For viscous substances like pastes, muds, creams, oils. Made of AISI 316 stainless steel, electropolished and ideal for use in pharmaceutical areas. The sample is drawn in using the pump rod and directly conveyed to the sampling container. Easy cleaning for flawless sampling.

- ▶ AISI 316 (1.4404) Stainless steel
- ▶ Sterilizable

Mini ViscoSampler, diameter 15 mm			
Length cm	Chamber volumen ml	Article No.	
60	30	5341-1060	N4
100	50	5341-1100	N4
150	75	5341-1150	N4



LiquiSampler

LiquiSampler for liquids, according to DIN 53 242. Made of ultra-pure and chemically inert PTFE/FEP for contamination-free sampling.

- ▶ Easy-to-use one-hand-push-button operation
- ▶ With scraping ring for depth marking and cleaning
- ▶ For point sampling, cross-sectional sampling and bottom sampling

LiquiSampler, Ø 25 mm transparent				
Material	Length cm	Capacity ml	Article No.	
PP	60	150	5330-1060	N4
PP	100	250	5330-1100	N4
PP	200	500	5330-1200	N4
PTFE / FEP	60	150	5330-2060	N4
PTFE / FEP	100	250	5330-2100	N4
PTFE / FEP	200	500	5330-2200	N4



ViscoSampler

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

ViscoSampler, Ø 25 mm transparent				
Material	Length cm	Capacity ml	Article No.	
PP	60	160	5331-1060	N4
PP	100	300	5331-1100	N4
PP	200	650	5331-1200	N4
PTFE / FEP	60	160	5331-2060	N4
PTFE / FEP	100	300	5331-2100	N4
PTFE / FEP	200	650	5331-2200	N4



Liquid-sampler

Liquid-Sampler for single hand operation. The valve is opened and closed using your thumb for type 1 or semiautomatically for type 2. Made of AISI 304 stainless steel.

- ▶ complies with GMP guideline
- ▶ high gloss polished
- ▶ AISI 316 (1.4404) Stainless steel

Flüssigkeitssammler, type 1				
Length cm	Behälter-Ø mm	Volumen ml	Article No.	
46	32	50	5326-0001	N4
54	32	100	5326-0002	N4

Flüssigkeitssammler, type 2				
Length cm	Behälter-Ø mm	Volumen ml	Article No.	
45,5	32	50	5326-0003	N4
53,5	32	100	5326-0004	N4

