

TOPSELLERS

PHARMA – SAMPLING



The most important factor for sampling in pharmaceutical applications is for the samplers to be manufactured from high quality materials with outstanding surface qualities. Especially good processing is required for surfaces, which must not have any edges or indentations in which samples could become lodged. This is the only way to prevent cross contamination and impurities.

The Bürkle sample collectors presented below meet these requirements. Many of them are FDA or GMP-compliant.



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 & pharma

close-it food & pharma 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 & pharma is suitable for sampling foodstuffs, pharmaceuticals, cosmetics, food additives.

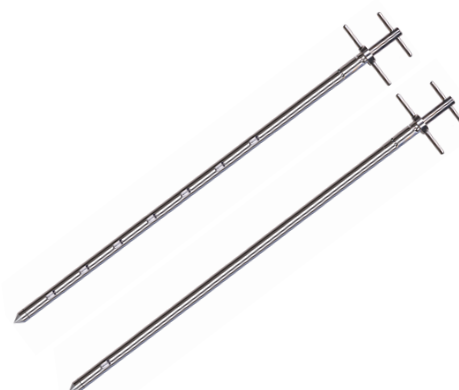
Zone samplers, Ø 25 mm							
Type	Material	Total length cm	Inseration depth mm	Number of chambers	Chamber volumen ml	Price / Unit	Article No.
All-layer-sampler	V4A	55	430	3	70		5316-2055
All-layer-sampler	V4A	85	710	3	130		5316-2085
All-layer-sampler	V4A	150	1355	5	260		5316-2150
Multi sampler	V4A	55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

close-it food & pharma printed					
W x H mm	Color	Pieces per roll	Price / Unit	Article No.	
95 x 95	red	500		5303-2017	
95 x 95	yellow	500		5303-2020	
95 x 95	blue	500		5303-2021	
95 x 95	green	500		5303-2022	
95 x 95	black	500		5303-2023	
150 x 150	red	250		5303-3017	
150 x 150	yellow	250		5303-3020	
150 x 150	blue	250		5303-3021	
150 x 150	green	250		5303-3022	
150 x 150	black	250		5303-3023	
close-it food & pharma unprinted					
95 x 95	white	500		5303-2018	
150 x 150	white	250		5303-3018	

Novartos

Novartos the Pharma zone sampler for sampling 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	Price / Unit	Article No.
0,5		5358-0105
1,0		5358-0110
1,5		5358-0115
2,0		5358-0120
2,5		5358-0125
3,0		5358-0130
3,5		5358-0135
4,0		5358-0140

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

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

Sampling inserts for Novartos Multi, 14 chambers required

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

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 60 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	Price / Unit	Article No.
Case, completely			5346-0010
PharmaPicker 1	0,10 bis 1,00		5346-1000
PharmaPicker 2	1,25 bis 2,50		5346-2000

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	Price / Unit	Article No.
0.1 ml (to 1.2 ml)		5346-1010
1.25 ml (to 2.5 ml)		5346-2125



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	Price / Unit	Article No.
12.0	55		5307-1055
12.0	85		5307-1085
12.0	120		5307-1120
25.0	55		5307-2055
25.0	85		5307-2085
25.0	120		5307-2120

Heads, please order lance and head separately

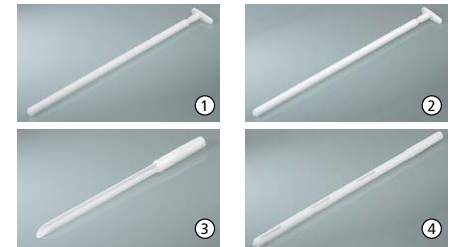
Tube-dia. mm	Capacity ml	Price / Unit	Article No.
12.0	0.2		5307-0102
12.0	0.5		5307-0105
12.0	1.0		5307-0110
25.0	2.0		5307-0202
25.0	5.0		5307-0205
25.0	10.0		5307-0210

Single use disposable samplers

The Bürkle disposable samplers – DispoSampler – are used to take samples of liquids, viscous media, powders and granulates. Unlike conventional reu-

sable samplers, disposable samplers do not need to be cleaned after use.

Type	Length mm	Capacity ml	No. of openings	Material	Pieces per pack	Price / Unit	Article No.
LiquiDispo	500	100		HDPE	20		5393-1120 N4
LiquiDispo	500	100		HDPE / sterilized	20		5393-1121 N4
LiquiDispo	1000	200		HDPE	20		5393-1130 N4
LiquiDispo	1000	200		HDPE / sterilized	20		5393-1131 N4
ViscoDispo	500	100		HDPE	20		5393-3320 N4
ViscoDispo	500	100		HDPE / sterilized	20		5393-3321 N4
ViscoDispo	1000	200		HDPE	20		5393-3330 N4
ViscoDispo	1000	200		HDPE / sterilized	20		5393-3331 N4
PowderDispo	300	60		HDPE	20		5393-5510 N4
PowderDispo	300	60		HDPE / sterilized	20		5393-5511 N4
PowderDispo	500	100		HDPE	20		5393-5522 N4
PowderDispo	500	100		HDPE / sterilized	20		5393-5521 N4
ZoneDispo	500	100	3	HDPE	20		5393-4420 N4
ZoneDispo	500	100	3	HDPE / sterilized	20		5393-4421 N4
ZoneDispo	1000	200	3	HDPE	20		5393-4430 N4
ZoneDispo	1000	200	3	HDPE / sterilized	20		5393-4431 N4



- ① ViscoDispo:** The ViscoDispo disposable sampler can be used to take samples of high-viscosity media up to 100.000 mPas.
- ② LiquiDispo:** The LiquiDispo disposable sampler can be used to take samples of liquids from highly liquid to slightly viscous.
- ③ PowderDispo:** PowderDispo is the ideal disposable sampler for cross-section samples of powdery or slightly cohesive substances.
- ④ ZoneDispo:** The ZoneDispo disposable all-layer sampler is used in sampling to collect a representative all-layer sample from three different layers.

SteriPlast® scoop

Available in four different sizes, the SteriPlast® scoop made of polystyrene is clean-room produced, individually packed for one-way needs and gamma radiation sterilized. The scoops are also available with transparent cover to close it immediately after the sampling procedure to secure a sterile and contamination-free sample. During the construction process we attached great importance to ergonomics. Due to the handle construction and the slightly angled edge the scoop stands horizontal and can be laid down without the material trickling out. The scoops are ideal for sampling of powder, granules and pastes.

Capacity ml	Version	Length mm	Pcs. per pack	Ref.
25	without lid	141	10	5378-1001 N4
25	with lid	142	10	5378-1002 N4
50	without lid	160	10	5378-1003 N4
50	with lid	161	10	5378-1004 N4
100	without lid	205	10	5378-1005 N4
100	with lid	206	10	5378-1006 N4
150	without lid	216	10	5378-1007 N4
150	with lid	218	10	5378-1008 N4
250	without lid	232	10	5378-1013 N4
250	with lid	235	10	5378-1014 N4
500	without lid	280	10	5378-1015 N4
500	with lid	283	10	5378-1016 N4

- ▶ PS, white
- ▶ Individually packed, gamma radiation sterilized
- ▶ Production, assembling and packaging acc. to clean-room class 7 (10.000)
- ▶ According to EU food and FDA guidelines



SteriPlast® sampling spoons

The SteriPlast® spoons made of polystyrene are produced in the clean-room, individually packed for one-way needs and gamma radiation sterilized. The spoons are ideal for sampling of powder, granules and pastes. The sampling spoon is available in 2.5 ml (similar to teaspoon) and 10 ml (similar to tablespoon).

Length mm	Capacity ml	Pcs. per pack	Ref.
127	2.5	100	5378-1011 N4
170	10	100	5378-1012 N4

SteriPlast® sampling spatula

The SteriPlast® sampling spatula made of polystyrene is produced in the clean-room, individually packed for one-way needs and gamma radiation sterilized. Due to its long, ergonomic and solid handle and its pointed blade it can be easily pierced into paper and plastic bags. The SteriPlast® sampling spatula is ideal for sampling of powder, granules and pastes. As an option the spatula is available with cover in order to secure a sterile and contamination-free sampling process.

Insertion depth mm	Version	Total length mm	Pcs. per pack	Ref.
150	without sheath	263	10	5378-1009 N4
150	with sheath	268	10	5378-1010 N4



- ▶ PS, white,
- ▶ Individually packed, gamma radiation sterilized
- ▶ Production, assembling and packaging acc. to clean-room class 7 (10.000)
- ▶ According to EU food and FDA guidelines

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	Price / Unit	Article No.
115	1000		5354-1000



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	Price / Unit	Article No.
60	30		5341-1060
100	50		5341-1100
150	75		5341-1150



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	Price / Unit	Article No.
PP	60	150		5330-1060
PP	100	250		5330-1100
PP	200	500		5330-1200
PTFE / FEP	60	150		5330-2060
PTFE / FEP	100	250		5330-2100
PTFE / FEP	200	500		5330-2200



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	Price / Unit	Article No.
PP	60	160		5331-1060
PP	100	300		5331-1100
PP	200	650		5331-1200
PTFE / FEP	60	160		5331-2060
PTFE / FEP	100	300		5331-2100
PTFE / FEP	200	650		5331-2200



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

Liquid-sampler, type 1				
Length cm	Container Ø mm	Volume ml	Price / Unit	Article No.
46	32	50		5326-0001
54	32	100		5326-0002

Liquid-sampler, type 2				
Length cm	Container Ø mm	Volume ml	Price / Unit	Article No.
45,5	32	50		5326-0003
53,5	32	100		5326-0004

