

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



All-layer-sampler

For all-layer samples through all the layers of the sample.

Multi sampler

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

Uno sampler

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



close-it food & pharma

close-it food & pharma a control seal 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.

▶ According to FDA guidelines



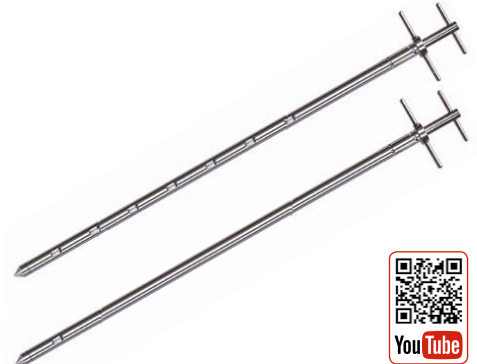
Zone samplers, Ø 25 mm (0.98 in.)						
Type	Material	Total length cm (in.)	Inseration depth mm (in.)	Number of chambers	Chamber volume ml (oz.)	Item no.
All-layer-sampler	AISI 316L	55 (21.65)	430 (16.93)	3	70 (2.37)	5316-2055 N4
All-layer-sampler	AISI 316L	85 (33.46)	710 (27.95)	3	130 (4.40)	5316-2085 N4
All-layer-sampler	AISI 316L	150 (59.06)	1355 (53.35)	5	260 (8.79)	5316-2150 N4
Multi sampler	AISI 316L	55 (21.65)	430 (16.93)	3	14 (0.47)	5316-3055 N4
Multi sampler	AISI 316L	85 (33.46)	710 (27.95)	3	17 (0.57)	5316-3085 N4
Multi sampler	AISI 316L	150 (59.06)	1355 (53.35)	5	17 (0.57)	5316-3150 N4
Uno sampler	AISI 316L/PTFE	55 (21.65)	430 (16.93)	1	17 (0.57)	5316-1055 N4
Uno sampler	AISI 316L/PTFE	85 (33.46)	710 (27.95)	1	17 (0.57)	5316-1085 N4
Uno sampler	AISI 316L/PTFE	150 (59.06)	1355 (53.35)	1	17 (0.57)	5316-1150 N4

close-it food & pharma printed			
W x H mm (in.)	Color	Pieces per roll	Item no.
95 x 95 (3.74 x 3.74)	red	500	5303-2017 N4
95 x 95 (3.74 x 3.74)	yellow	500	5303-2020 N4
95 x 95 (3.74 x 3.74)	blue	500	5303-2021 N4
95 x 95 (3.74 x 3.74)	green	500	5303-2022 N4
95 x 95 (3.74 x 3.74)	black	500	5303-2023 N4
150 x 150 (5.91 x 5.91)	red	250	5303-3017 N4
150 x 150 (5.91 x 5.91)	yellow	250	5303-3020 N4
150 x 150 (5.91 x 5.91)	blue	250	5303-3021 N4
150 x 150 (5.91 x 5.91)	green	250	5303-3022 N4
150 x 150 (5.91 x 5.91)	black	250	5303-3023 N4
close-it food & pharma unprinted			
95 x 95 (3.74 x 3.74)	white	500	5303-2018 N4
150 x 150 (5.91 x 5.91)	white	250	5303-3018 N4

Novartos

Novartos the Pharma zone sampler for sampling according to FDA guidelines for Unit-Dose-Sampling.

- ▶ The sample inserts fit precisely and can easily be replaced
- ▶ Inserts are available in volumes from 0 to 4.0 ml (0 to 0.14 oz.)
- ▶ Stainless steel AISI 316L (1.4404) / AISI 316Ti (1.4571)
- ▶ Please order inserts separately



Novartos Uno, w/o inserts Ø 25 mm (0.98 in.)		
Length mm (in.)	Item no.	
600 (23.62)	5358-0600	N4
1000 (39.37)	5358-1001	N4
1400 (55.12)	5358-1400	N4

Novartos Multi, w/o inserts Ø 25 mm (0.98 in.)		
Length mm (in.)	Item no.	
1000 (39.37)	5358-1000	N4

Sampling inserts for Novartos Uno, 2 inserts required			
Capacity ml (oz.)	Item no.		
0.0 (0.0)	5358-0100	N4	
0.5 (0.02)	5358-0105	N4	
1.0 (0.03)	5358-0110	N4	
2.0 (0.07)	5358-0120	N4	
3.0 (0.10)	5358-0130	N4	
4.0 (0.14)	5358-0140	N4	

Sampling inserts for Novartos Multi, 14 inserts required			
Capacity ml (oz.)	Item no.		
0.0 (0.0)	5358-0000	N4	
0.5 (0.02)	5358-0005	N4	
1.0 (0.03)	5358-0010	N4	
1.5 (0.05)	5358-0015	N4	
2.0 (0.07)	5358-0020	N4	

MicroSampler

The MicroSampler has especially been designed for the sampling of small quantities of powder. Volumes of 0.2 ml (0.01 oz.), 0.5 ml (0.02 oz.), 1.0 ml (0.03 oz.), 2.0 ml (0.07 oz.), 5.0 ml (0.17 oz.) and 10 ml (0.34 oz.) 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)
- ▶ Sterilizable
- ▶ Additional tips are available in different sizes



MicroSampler V4A, without head

Tube Ø mm (in.)	Length cm (in.)	Item no.	
12 (0.47)	55 (21.65)	5307-1055	N4
12 (0.47)	85 (33.46)	5307-1085	N4
12 (0.47)	120 (47.24)	5307-1120	N4
25 (0.98)	55 (21.65)	5307-2055	N4
25 (0.98)	85 (33.46)	5307-2085	N4
25 (0.98)	120 (47.24)	5307-2120	N4

Accessories

Description	Item no.	
MicroSampler heads fits tube with 12 mm (0.47 in.) dia., capacity 0.2 ml (0.01 oz.)	5307-0102	N4
MicroSampler heads fits tube with 12 mm (0.47 in.) dia., capacity 0.5 ml (0.02 oz.)	5307-0105	N4
MicroSampler heads fits tube with 12 mm (0.47 in.) dia., capacity 1 ml (0.03 oz.)	5307-0110	N4
MicroSampler heads fits tube with 25 mm (0.98 in.) dia., capacity 2 ml (0.07 oz.)	5307-0202	N4
MicroSampler heads fits tube with 25 mm (0.98 in.) dia., capacity 5 ml (0.17 oz.)	5307-0205	N4
MicroSampler heads fits tube with 25 mm (0.98 in.) dia., capacity 10 ml (0.34 oz.)	5307-0210	N4

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 (oz.)	Dia. mm (in.)	Length mm (in.)	Item no.	
10 (0.34)	25 (0.98)	45 (1.77)	5324-0010	N4
50 (1.69)	38 (1.50)	70 (2.76)	5324-0011	N4
100 (3.38)	50 (1.97)	100 (3.94)	5324-0012	N4
500 (16.91)	95 (3.74)	140 (5.51)	5324-0018	N4
750 (25.36)	95 (3.74)	210 (8.27)	5324-0013	N4
1000 (33.81)	110 (4.33)	235 (9.25)	5324-0014	N4
1250 (42.27)	125 (4.92)	195 (7.68)	5324-0015	N4
1700 (57.48)	135 (5.31)	230 (9.06)	5324-0016	N4
2500 (84.53)	185 (7.28)	215 (8.46)	5324-0017	N4

PharmaScoop with long handle

Capacity ml (oz.)	Dia. mm (in.)	Length mm (in.)	Total length mm (in.)	Item no.	
1000 (33.81)	110 (4.33)	235 (9.25)	835 (32.87)	5324-0019	N4

DispoSamplers, disposable

The DispoSamplers are used to take samples of liquids, viscous media, powders and granulates. Unlike conventional reusable samplers, disposable samplers do not need to be cleaned after use.

- ① **LiquiDispo:** The LiquiDispo disposable sampler can be used to take samples of liquids from highly liquid to slightly viscous.
- ② **ViscoDispo:** The ViscoDispo disposable sampler can be used to take samples of high-viscosity media up to 100.000 mPas.
- 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.



Type	Length mm (in.)	Volume ml (oz.)	No. of openings	Material	Pieces per pack	Item no.
LiquiDispo	500 (19.69)	100 (3.38)		HDPE/sterilized	20	5393-1121 N4
LiquiDispo	1000 (39.37)	200 (6.76)		HDPE/sterilized	20	5393-1131 N4
ViscoDispo	500 (19.69)	100 (3.38)		HDPE/sterilized	20	5393-3321 N4
ViscoDispo	1000 (39.37)	200 (6.76)		HDPE/sterilized	20	5393-3331 N4
PowderDispo	300 (11.81)	60 (2.03)		HDPE/sterilized	20	5393-5511 N4
PowderDispo	500 (19.69)	100 (3.38)		HDPE/sterilized	20	5393-5521 N4
ZoneDispo	500 (19.69)	100 (3.38)	3	HDPE/sterilized	20	5393-4421 N4
ZoneDispo	1000 (39.37)	200 (6.76)	3	HDPE/sterilized	20	5393-4431 N4

Sample scoop, disposable

Capacity ml (oz.)	Model	Length mm (in.)	Item no.
25 (0.85)	without cover	141 (5.55)	5378-1001 N4
25 (0.85)	with cover	142 (5.59)	5378-1002 N4
50 (1.69)	without cover	160 (6.30)	5378-1003 N4
50 (1.69)	with cover	161 (6.34)	5378-1004 N4
100 (3.38)	without cover	205 (8.07)	5378-1005 N4
100 (3.38)	with cover	206 (8.11)	5378-1006 N4
150 (5.07)	without cover	216 (8.50)	5378-1007 N4
150 (5.07)	with cover	218 (8.58)	5378-1008 N4
250 (8.45)	without cover	232 (9.13)	5378-1013 N4
250 (8.45)	with cover	235 (9.25)	5378-1014 N4
500 (16.91)	without cover	280 (11.02)	5378-1015 N4
500 (16.91)	with cover	283 (11.14)	5378-1016 N4
1000 (33.81)	without cover	332 (13.07)	5378-1019 N4

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, sterilized, disposable
- ▶ Individually packaged
- ▶ 10 pieces per pack
- ▶ Production, assembly and packaging according to clean room class 7
- ▶ Complies with EU food requirements and FDA regulations



Also available in blue version

SteriPlast® sample spoon, disposable



The sample spoon is available in two sizes, 2.5 ml (0.08 oz.) (similar to a teaspoon) and 10 ml (0.34 oz.) (similar to a tablespoon), and is ideal for sampling powders, granulates and fluids.

- ▶ PS, white, sterilized, disposable



SteriPlast® sample spatula, disposable



The sterilized sample 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 sterile sample taken.



SteriPlast® sample spoon, disposable

Length mm (in.)	Capacity ml (oz.)	Pcs./pack	Item no.
127 (5.00)	2.5 (0.08)	100	5378-1011 N4
170 (6.69)	10 (0.34)	100	5378-1012 N4

SteriPlast® sample spatula, disposable

Insertion depth mm (in.)	Model	Total length mm (in.)	Item no.
150 (5.91)	w/o sleeve	263 (10.35)	5378-1009 N4
150 (5.91)	with sleeve	268 (10.55)	5378-1010 N4

Spoon spatula, disposable



The spoon spatula is a double spatula with a 0.5 ml (0.02 oz.) spoon and a 17 mm (0.67 in.) spoon blade.



Micro-spatula, disposable



Double scoop spatula with rounded ends, content 1.0 and 0.25 ml (0.03 and 0.01 oz.).



Spoon spatula, disposable

Model	Pcs./pack	Item no.
Large package (LaboPlast®)	100	5378-0031 N4
Sterilized, packaged individually (SteriPlast®)	100	5378-1012 N4

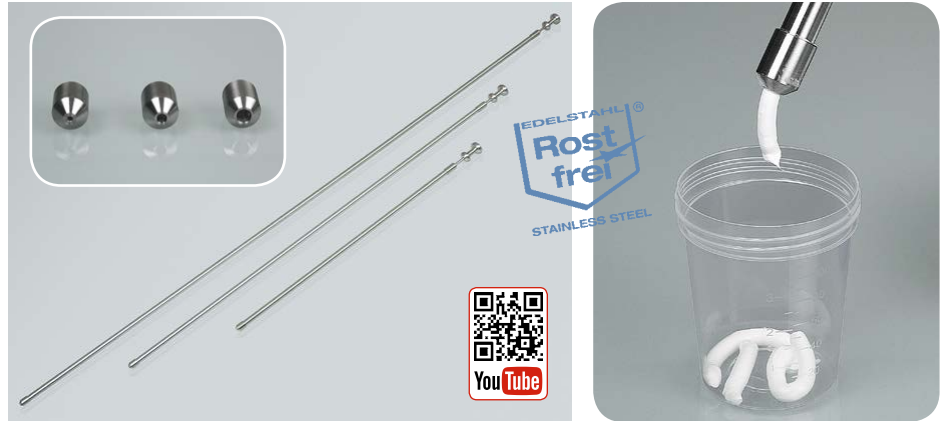
Micro-spatula, disposable

Model	Pcs./pack	Item no.
Large package (LaboPlast®)	100	5378-0032 N4
Sterilized, packaged individually (SteriPlast®)	100	5378-1032 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 the 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 (0.08 to 0.24 in.).

- ▶ Stainless steel AISI 316L (1.4404), seals PTFE
- ▶ Sterilizable
- ▶ Ideal for the pharmaceutical and cosmetics industry
- ▶ Incl. suction tip 2 mm (0.08 in.)
- ▶ 15 mm (0.59 in.) Ø



Mini ViscoSampler

Length cm (in.)	Chamber volume ml (oz.)	Item no.
60 (23.62)	30 (1.01)	5341-1060 N4
100 (39.37)	50 (1.69)	5341-1100 N4
150 (59.06)	75 (2.54)	5341-1150 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 32 mm (1.26 in.) transparent

Material	Immersion depth cm (in.)	Volume ml (oz.)	Item no.
PP	60 (23.62)	160 (5.41)	5331-1060 N4
PP	100 (39.37)	300 (10.14)	5331-1100 N4
PP	200 (78.74)	650 (21.98)	5331-1200 N4
PTFE / FEP	60 (23.62)	160 (5.41)	5331-2060 N4
PTFE / FEP	100 (39.37)	300 (10.14)	5331-2100 N4
PTFE / FEP	200 (78.74)	650 (21.98)	5331-2200 N4



LiquiSampler

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

- ▶ Practical one-handed use at the push of a button
- ▶ With scraping ring for marking of depth and cleaning
- ▶ Point sampling, all-layer sampling and bottom sampling possible

LiquiSampler, Ø 32 mm (1.26 in.) transparent

Material	Immersion depth cm (in.)	Volume ml (oz.)	Item no.
PP	60 (23.62)	150 (5.07)	5330-1060 N4
PP	100 (39.37)	250 (8.45)	5330-1100 N4
PP	200 (78.74)	500 (16.91)	5330-1200 N4
PTFE / FEP	60 (23.62)	150 (5.07)	5330-2060 N4
PTFE / FEP	100 (39.37)	250 (8.45)	5330-2100 N4
PTFE / FEP	200 (78.74)	500 (16.91)	5330-2200 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.

DispoDipper is completely manufactured in one piece and can be used for sampling and subsequent transport of the sample in one device.

DispoDipper

Capacity ml (oz.)	Model	Dia. mm (in.)	Height with cap mm (in.)	Total length mm (in.)	Pieces/pack	Item no.
50 (1.69)	standard	40 (1.57)	98 (3.86)	417 (16.42)	20	5393-7000 N4
50 (1.69)	sterilized	40 (1.57)	98 (3.86)	417 (16.42)	20	5393-7001 N4
100 (3.38)	standard	53 (2.09)	98 (3.86)	415 (16.34)	20	5393-7010 N4
100 (3.38)	sterilized	53 (2.09)	98 (3.86)	415 (16.34)	20	5393-7011 N4
250 (8.45)	standard	72 (2.83)	116 (4.57)	429 (16.89)	20	5393-7020 N4
250 (8.45)	sterilized	72 (2.83)	116 (4.57)	429 (16.89)	20	5393-7021 N4

