

TOPSELLERS

FOOD SAMPLING – LIQUIDS AND VISCOUS SUBSTANCES



Do you want to know what's on your plate?

So do your customers!

Food scandals show us almost daily that food sampling is not considered sufficiently in many enterprises, particularly when inspecting incoming goods. Samples must be taken regularly, because products can only be as good as the raw materials they are made of.

You can carry out very precise material analyses using the most modern techniques. However, if a mistake is made in sampling then even these modern techniques are useless because the initial sampling error is carried through all the steps of the analysis and incorrect results will be obtained.

Thus is the conclusion:

Take samples – but do it right!

DispoDipper

Sampling tube manufactured in a clean room specially designed for disposable use. Due to the blue color, 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/1.5 oz, 100 ml/3.5 oz. or 250 ml/8.0 oz. content. Depending on the design, container openings can be sampled from a diameter of 52 mm (2.05 in.) (2" barrel opening), 65 mm (2.56 in.) or 85 mm (3.35 in.). 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 sterilized 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 (10.63 in.)



DispoDipper

Capacity ml (oz.)	Model	Dia. mm (in.)	Height with cap mm (in.)	Total length mm (in.)	Pieces per 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

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 (6.76 oz.) can be drawn, as with a syringe.

- ▶ No seals
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilized by gamma rays
- ▶ Opening diameter 2.5 mm (0.10 in.)
- ▶ Ø 21 mm (0.83 in.)



LiquiDispo				
Length mm (in.)	Volume ml (oz.)	Material	Pieces per pack	Item no.
500 (19.69)	100 (3.38)	HDPE	20	5393-1120 N4
500 (19.69)	100 (3.38)	HDPE/ sterilized	20	5393-1121 N4
1000 (39.37)	200 (6.76)	HDPE	20	5393-1130 N4
1000 (39.37)	200 (6.76)	HDPE/ sterilized	20	5393-1131 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 (1.26 in.) in diameter.

- ▶ Practical one-handed use at the push of a button
- ▶ With scraping ring for marking of depth and cleaning



LiquiSampler				
Material	Immersion depth cm (in.)	Dia. mm (in.)	Volume ml (oz.)	Item no.
PP, transparent	60 (23.62)	32 (1.26)	150 (5.07)	5330-1060 N4
PP, transparent	100 (39.37)	32 (1.26)	250 (8.45)	5330-1100 N4
PP, transparent	200 (78.74)	32 (1.26)	500 (16.91)	5330-1200 N4
PTFE/FEP, transparent	60 (23.62)	32 (1.26)	150 (5.07)	5330-2060 N4
PTFE/FEP, transparent	100 (39.37)	32 (1.26)	250 (8.45)	5330-2100 N4
PTFE/FEP, transparent	200 (78.74)	32 (1.26)	500 (16.91)	5330-2200 N4

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 (0.31 in.)), the hose can

reach narrow, seemingly inaccessible sampling areas.

- ▶ Max. suction height 5 m (16.40 ft.) (depending on the medium)

MiniSampler		
Material	Item no.	
PE	5305-0100	N4



Sampler Liquid CupSampler

It is possible to carry out point sampling of liquids of varying viscosity with the stainless steel Liquid CupSampler (AISI 316L (1.4404)). 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.

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.

Sampler Liquid CupSampler				
Capacity ml (oz.)	Container dia. mm (in.)	Total length cm (in.)	Item no.	
100 (3.38)	55 (2.17)	100 (39.37)	5357-0001	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.



ViscoSampler				
Material	Immersion depth cm (in.)	Dia. mm (in.)	Volume ml (oz.)	Item no.
PP, transparent	60 (23.62)	32 (1.26)	160 (5.41)	5331-1060 N4
PP, transparent	100 (39.37)	32 (1.26)	300 (10.14)	5331-1100 N4
PP, transparent	200 (78.74)	32 (1.26)	650 (21.98)	5331-1200 N4
PTFE/FEP, transparent	60 (23.62)	32 (1.26)	160 (5.41)	5331-2060 N4
PTFE/FEP, transparent	100 (39.37)	32 (1.26)	300 (10.14)	5331-2100 N4
PTFE/FEP, transparent	200 (78.74)	32 (1.26)	650 (21.98)	5331-2200 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 sterilized by gamma rays
- ▶ Opening diameter 10 mm (0.39 in.)
- ▶ Ø 21 mm (0.83 in.)

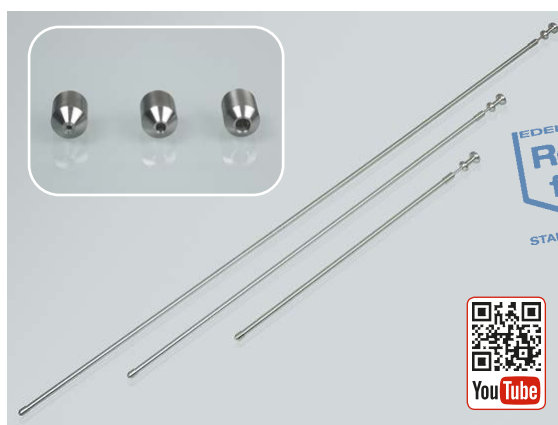


ViscoDispo				
Length mm (in.)	Volume ml (oz.)	Material	Pieces per pack	Item no.
500 (19.69)	100 (3.38)	HDPE	20	5393-3320 N4
500 (19.69)	100 (3.38)	HDPE/sterilized	20	5393-3321 N4
1000 (39.37)	200 (6.76)	HDPE	20	5393-3330 N4
1000 (39.37)	200 (6.76)	HDPE/sterilized	20	5393-3331 N4

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), piston 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

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



Ladle, long handle, disposable

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.

- ▶ PS, white
- ▶ Individually packaged and optionally sterilised
- ▶ Handle length 300 mm (11.81 in.)
- ▶ For single use
- ▶ Clean room manufactured (clean room class 7)
- ▶ Complies with EU food requirements and FDA regulations



LaboPlast

SteriPlast

Stainless steel scoop			Ladle, long handle, disposable				
Total length cm (in.)	Capacity ml (oz.)	Item no.	Total length mm (in.)	Capacity ml (oz.)	Model	Pieces per pack	Item no.
115 (45.28)	1000 (33.81)	5354-1000 N4	365 (14.37)	30 (1.01)	standard	10	5378-5021 N4
			365 (14.37)	30 (1.01)	sterilized	10	5378-5022 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 (1.26 in.) Ø
- ▶ Optimized opening mechanism (can be completely disassembled) for easy cleaning

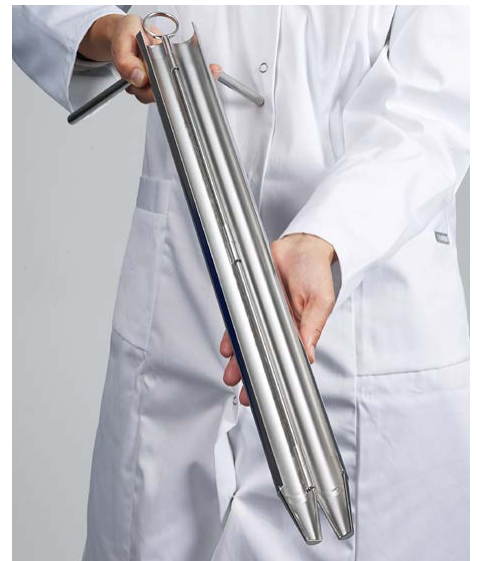
Use

For viscous substances:

1. The valve lanced 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		Item no.
Length mm (in.)		
550 (21.65)		5359-1600 N4
800 (31.50)		5359-1800 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 (1.18 in.) 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 (in.)	Flute openings %	Volume ml (oz.)	Item no.
300 (11.81)	25	145 (4.90)	5369-0300 N4
300 (11.81)	50	85 (2.87)	5369-0310 N4
600 (23.62)	25	312 (10.55)	5369-0600 N4
600 (23.62)	50	179 (6.05)	5369-0610 N4
900 (35.43)	25	480 (16.23)	5369-0900 N4
900 (35.43)	50	273 (9.23)	5369-0910 N4

