

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 colour, 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, 100 ml or 250 ml content. Depending on the design, container openings can be sampled from a diameter of 52 mm (2" barrel opening), 65 mm or 85 mm. 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 sterilised 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



DispoDipper

Capacity ml	Model	Ø mm	Height with cap mm	Total length mm	Pieces per pack	Item no.
50	standard	40	98	417	20	5393-7000 N4
50	sterilised	40	98	417	20	5393-7001 N4
100	standard	53	98	415	20	5393-7010 N4
100	sterilised	53	98	415	20	5393-7011 N4
250	standard	72	116	429	20	5393-7020 N4
250	sterilised	72	116	429	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 can be drawn, as with a syringe.

- ▶ No seals
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Opening diameter 2.5 mm
- ▶ Ø 21 mm



LiquiDispo					
Length mm	Volume ml	Material	Pieces per pack	Item no.	
500	100	HDPE	20	5393-1120	N4
500	100	HDPE/sterilised	20	5393-1121	N4
1000	200	HDPE	20	5393-1130	N4
1000	200	HDPE/sterilised	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 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	Dia. mm	Volume ml	Item no.	
PP, transparent	60	32	150	5330-1060	N4
PP, transparent	100	32	250	5330-1100	N4
PP, transparent	200	32	500	5330-1200	N4
PTFE/FEP, transparent	60	32	150	5330-2060	N4
PTFE/FEP, transparent	100	32	250	5330-2100	N4
PTFE/FEP, transparent	200	32	500	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), the hose can reach narrow,

seemingly inaccessible sampling areas.

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

MiniSampler		
Material	Item no.	
PE	5305-0100	N4



Vampire Sampler | for sampling liquids in the field

The medium being sampled is directed via the closed hose system directly into the sample container. The sample only comes in contact with the hoses and the sample bottle. This excludes the risk of impurities and contamination because the hoses are easy to clean and can also be replaced easily if necessary.

- ▶ Battery-powered hose pump for sampling liquids from depth
- ▶ Easy cleaning and exchangeable hoses prevent impurities
- ▶ Suction depth up to 5 metres
- ▶ Consisting of a drive unit, pump head, pump hoses (30 cm, Marprene/silicone), suction hose (5 m, PE), hose connector (PP), sample bottle (250 ml, LDPE), bottle basket, two rechargeable batteries and battery charger



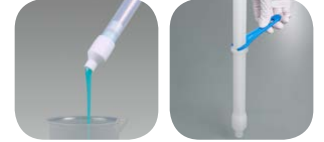
Vampire Sampler		
Item no.		
5327-1000	N2	

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	Dia. mm	Volume ml	Item no.
PP, transparent	60	32	160	5331-1060 N4
PP, transparent	100	32	300	5331-1100 N4
PP, transparent	200	32	650	5331-1200 N4
PTFE/FEP, transparent	60	32	160	5331-2060 N4
PTFE/FEP, transparent	100	32	300	5331-2100 N4
PTFE/FEP, transparent	200	32	650	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 sterilised by gamma rays
- ▶ Opening diameter 10 mm
- ▶ Ø 21 mm



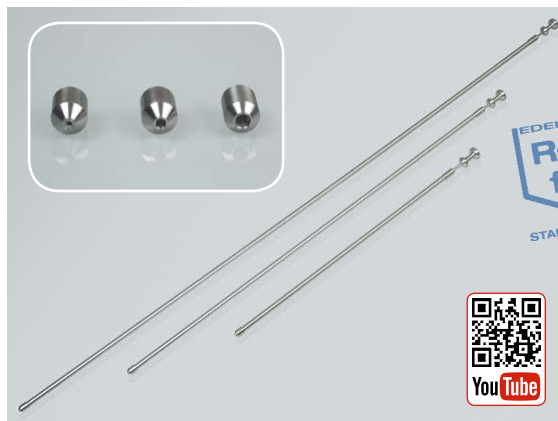
ViscoDispo

Length mm	Volume ml	Material	Pieces per pack	Item no.
500	100	HDPE	20	5393-3320 N4
500	100	HDPE/sterilised	20	5393-3321 N4
1000	200	HDPE	20	5393-3330 N4
1000	200	HDPE/sterilised	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.

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



Mini ViscoSampler

Length cm	Chamber volume ml	Item no.
60	30	5341-1060 N4
100	50	5341-1100 N4
150	75	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



Stainless steel scoop

Total length cm	Capacity ml	Item no.
115	1000	5354-1000 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 Ø
- ▶ Optimised opening mechanism (can be completely disassembled) for easy cleaning

Use

For viscous substances:

1. The valve lance 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

Length mm	Item no.
550	5359-1600 N4
800	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 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	Flute openings %	Volume ml	Item no.
300	25	145	5369-0300 N4
300	50	85	5369-0310 N4
600	25	312	5369-0600 N4
600	50	179	5369-0610 N4
900	25	480	5369-0900 N4
900	50	273	5369-0910 N4

