

# 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!**

### LiquiSampler | sample collector for liquids

LiquiSampler for liquids, according to DIN 53 242. 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 25 mm in diameter.

Push-buttons colour-coded to prevent mix-up, available as optional accessories.

Easy cleaning – all surfaces are free of pores and crevices, preventing accumulation of dirt. Only round screw threads proven in foodstuffs hygiene are used.

Disassembly and cleaning are extremely simple.

- ▶ Practical one-handed use at the push of a button
- ▶ With scraping ring for marking of depth and cleaning
- ▶ Transparent
- ▶ Available in PTFE/FEP or PP transparent
- ▶ Point sampling, all-layer and soil samples possible



#### LiquiSampler

Material	Length cm	Dia. mm	Volume ml	Price €	Item no.
PP, transparent	60	25	150		5330-1060
PP, transparent	100	25	250		5330-1100
PP, transparent	200	25	500		5330-1200
PTFE/FEP, transparent	60	25	150		5330-2060
PTFE/FEP, transparent	100	25	250		5330-2100
PTFE/FEP, transparent	200	25	500		5330-2200



## LiquiDispo

Disposable sampler for liquids of low viscosity up to about 10,000 cP.

- ▶ Diameter 21 mm

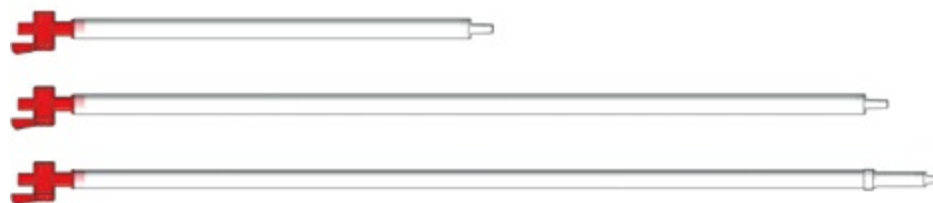


LiquiDispo									
Length mm	Volume ml	Material	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.		
500	100	HDPE	20				5393-1120		
500	100	HDPE/sterilisiert	20				5393-1121		
1000	190	HDPE	20				5393-1130		
1000	190	HDPE/sterilisiert	20				5393-1131		

## Dip Sampler, plunging siphon

Dip sampler for simple removal of liquid samples. Good view due to transparent tubes. Upper end with reflux valve, lower end with ball valve.

- ▶ PP, transparent
- ▶ Dip sampler, item no. 5315-0200, steplessly extendable from 100 cm to 200 cm
- ▶ All-layer and point sampling possible



Dip Sampler, plunging siphon								
Length cm	Tube Ø mm	Price €	Quantity scale from	Scale price €	Item no.			
50	22				5315-0050			
100	22				5315-0100			
100 - 200	22				5315-0200			

## MiniSampler

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. **Two models:** PE MiniSampler for general sampling, max. suction height 5 m\* PTFE MiniSampler for ultra-pure sampling, max. suction height 5 m\* (\*depending on the medium)

MiniSampler								
Material	Price €	Quantity scale from	Scale price €	Item no.				
PE				5305-0100				
PTFE				5305-0110				



## Vampire Sampler

Transportable, hose pump for liquids, independent of mains power. Ideal for sampling from barrels, tanks, wells, water separators and sewage and purification systems.

Vampire is packed in a handy transport case with: drive unit (12 V), two re-chargeable batteries, battery charger, bottle holder, bottle LDPE 250 ml, hose pump and 5 m hose made of PE.

- ▶ Easy cleaning, liquid is only in contact with the hose
- ▶ Independent of mains power with rechargeable batteries and charger, incl. replacement battery
- ▶ Sampling directly into the original sample bottle
- ▶ Suction height up to 5 m
- ▶ Also suitable for contaminated substances or media containing particles
- ▶ Good chemical resistance
- ▶ Good delivery rate up to 2.0 l/min



Vampire Sampler			
Price €	Quantity scale from	Scale price €	Item no.
			5327-1000

## 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.



**Colour-coded handles** to prevent mix-up, available as optional accessories.



### ViscoSampler

Material	Length cm	Dia. mm	Capacity ml	Price €	Item no.
PP, transparent	60	25	160		5331-1060
PP, transparent	100	25	300		5331-1100
PP, transparent	200	25	650		5331-1200
PTFE/FEP, transparent	60	25	160		5331-2060
PTFE/FEP, transparent	100	25	300		5331-2100
PTFE/FEP, transparent	200	25	650		5331-2200

## ViscoDispo

Disposable sampler for highly viscous media up to max 100,000 cP.

► Diameter 21 mm



### ViscoDispo

Length mm	Volume ml	Material	Pieces per pack	Price €	Quantity scale from	Scale price €	Item no.
500	100	HDPE	20				5393-3320
500	100	HDPE/sterilized	20				5393-3321
1000	190	HDPE	20				5393-3330
1000	190	HDPE/sterilized	20				5393-3331

## 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 V4A (1.4404)
- Sterilisable
- Ideal for the pharmaceutical and cosmetics industry
- Incl. suction tip 2 mm
- 15 mm Ø



### Mini ViscoSampler

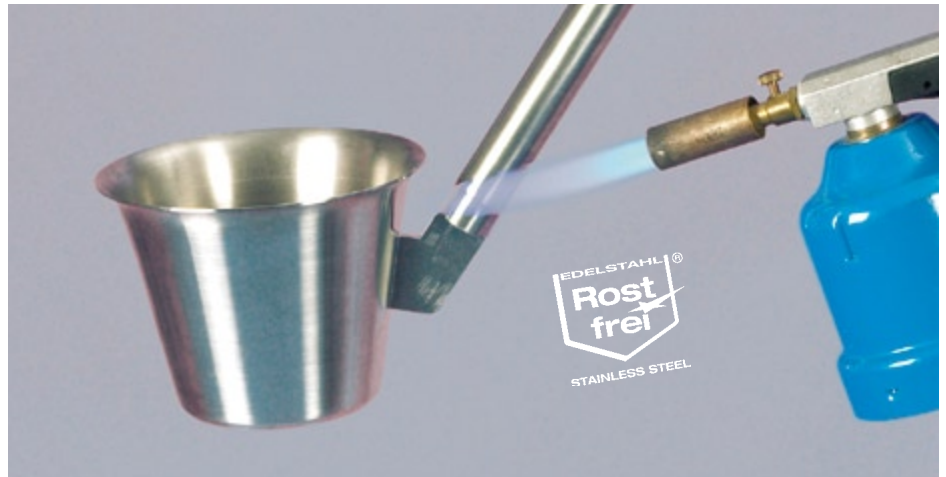
Length cm	Chamber volume ml	Price €	Quantity scale from	Scale price €	Item no.
60	30				5341-1060
100	50				5341-1100
150	75				5341-1150

## 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 V2A (1.4301), complete with rod
- ▶ Sterilisable by flame sterilisation or steam sterilisation



### Stainless steel scoop

Total length cm	Capacity ml	Price €	Item no.
115	1000		5354-1000

## Valve lance

Sampler for all-layer samples of viscous, paste-like, semi-liquid substances, according to DIN 51750 pt. 3 and DIN 53242 pt. 3. Different layers remain intact particularly with paste-like substances.

- ▶ Stainless steel V4A (1.4404)
- ▶ 32 mm Ø
- ▶ Optimised 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

Length mm	Price €	Item no.
550		5359-1600
800		5359-1800

## 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 V4A (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

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