

# 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 | Item no.  |    |
|-----------------------|-----------|---------|-----------|-----------|----|
| PP, transparent       | 60        | 25      | 150       | 5330-1060 | N4 |
| PP, transparent       | 100       | 25      | 250       | 5330-1100 | N4 |
| PP, transparent       | 200       | 25      | 500       | 5330-1200 | N4 |
| PTFE/FEP, transparent | 60        | 25      | 150       | 5330-2060 | N4 |
| PTFE/FEP, transparent | 100       | 25      | 250       | 5330-2100 | N4 |
| PTFE/FEP, transparent | 200       | 25      | 500       | 5330-2200 | N4 |

## LiquiDispo

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

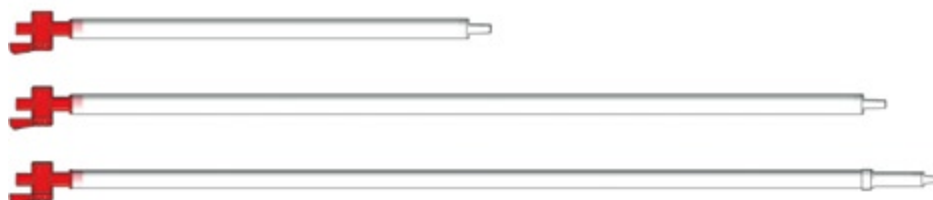
- Diameter 21 mm



| LiquiDispo |           |                   |                 |                     |           |    |  |
|------------|-----------|-------------------|-----------------|---------------------|-----------|----|--|
| Length mm  | Volume ml | Material          | Pieces per pack | Quantity scale from | Item no.  |    |  |
| 500        | 100       | HDPE              | 20              | 10                  | 5393-1120 | N3 |  |
| 500        | 100       | HDPE/sterilisiert | 20              | 10                  | 5393-1121 | N3 |  |
| 1000       | 190       | HDPE              | 20              | 10                  | 5393-1130 | N3 |  |
| 1000       | 190       | HDPE/sterilisiert | 20              | 10                  | 5393-1131 | N3 |  |

## 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 | Quantity scale from | Item no.  |    |  |
| 50                           | 22        | 10                  | 5315-0050 | N4 |  |
| 100                          | 22        | 10                  | 5315-0100 | N4 |  |
| 100 - 200                    | 22        | 10                  | 5315-0200 | N4 |  |

## 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    | Quantity scale from | Item no.  |    |  |  |
| PE          | 5                   | 5305-0100 | N4 |  |  |
| PTFE        | 5                   | 5305-0110 | N4 |  |  |



## 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     |           |    |
|---------------------|-----------|----|
| Quantity scale from | Item no.  |    |
| 10                  | 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.

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

**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              | Length cm | Dia. mm | Capacity ml | Item no.  |    |
|-----------------------|-----------|---------|-------------|-----------|----|
| PP, transparent       | 60        | 25      | 160         | 5331-1060 | N4 |
| PP, transparent       | 100       | 25      | 300         | 5331-1100 | N4 |
| PP, transparent       | 200       | 25      | 650         | 5331-1200 | N4 |
| PTFE/FEP, transparent | 60        | 25      | 160         | 5331-2060 | N4 |
| PTFE/FEP, transparent | 100       | 25      | 300         | 5331-2100 | N4 |
| PTFE/FEP, transparent | 200       | 25      | 650         | 5331-2200 | N4 |

## 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 | Quantity scale from | Item no.  |    |
|-----------|-----------|-----------------|-----------------|---------------------|-----------|----|
| 500       | 100       | HDPE            | 20              | 10                  | 5393-3320 | N3 |
| 500       | 100       | HDPE/sterilized | 20              | 10                  | 5393-3321 | N3 |
| 1000      | 190       | HDPE            | 20              | 10                  | 5393-3330 | N3 |
| 1000      | 190       | HDPE/sterilized | 20              | 10                  | 5393-3331 | N3 |

## 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

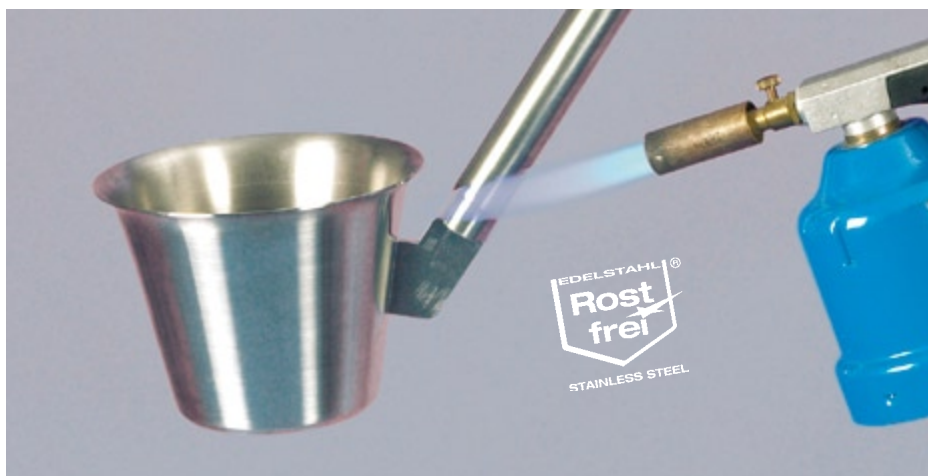
| Length cm | Chamber volume ml | Quantity scale from | Item no.  |    |
|-----------|-------------------|---------------------|-----------|----|
| 60        | 30                | 5                   | 5341-1060 | N4 |
| 100       | 50                | 5                   | 5341-1100 | N4 |
| 150       | 75                | 5                   | 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 V2A (1.4301), complete with rod
- ▶ Sterilisable by flame sterilisation or steam sterilisation



### Stainless steel scoop

Total length cm  
115

Capacity ml  
1000

Item no.  
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 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 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  
550  
800

Item no.  
5359-1600 N4  
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 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 |
|-----------|------------------|-----------|
| 300       | 25               | 145       |
| 300       | 50               | 85        |
| 600       | 25               | 312       |
| 600       | 50               | 179       |
| 900       | 25               | 480       |
| 900       | 50               | 273       |

Item no.  
5369-0300 N4  
5369-0310 N4  
5369-0600 N4  
5369-0610 N4  
5369-0900 N4  
5369-0910 N4