

# DispoSampler – disposable samplers | for the highest standards in sampling



Bürkle disposable samplers – DispoSampler – are used to take samples of liquids, viscous media, powders and granulates. Target point samples can be taken, all-layer and cross-section samples, as well as small and large sample quantities.

Unlike conventional reusable samplers, disposable samplers do not need to be cleaned after use.



- ▶ Cleaning reusable samplers is a demanding and often complicated task, with greasy, strongly adhesive or toxic substances. Sometimes the task is even impossible
- ▶ Work processes do not have to be interrupted by cleaning
- ▶ Cross contamination is completely eliminated
- ▶ The cleaning method does not need to be validated in audits
- ▶ Time and money are saved



## Bürkle DispoSampler LaboPlast® and SteriPlast®



**LaboPlast**

**SteriPlast**



- ▶ Individually packaged
- ▶ Production, assembly and packaging in class 7 clean room (10,000)
- ▶ Complies with EU food requirements and FDA regulations
- ▶ Optionally sterilised by gamma rays

*Time is money – Compare the costs:*

- Bring to cleaning area
- Remove sampler
- Cleaning agent
- Work time
- Autoclaving in some cases
- Drying
- Mount sampler
- Packaging if required
- Transport and storage

*Due to the effort involved in cleaning and the costs associated with it, it is often more economical to use a Bürkle disposable sampler.*



## 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.

- ▶ Ergonomic handle
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Opening diameter 2.5 mm
- ▶ Ø 21 mm



Length mm	Volume ml	Model	Pieces per pack	Item no.			
500	100	standard	20	5393-1120	N4		
500	100	sterilised	20	5393-1121	N4		
1000	200	standard	20	5393-1130	N4		
1000	200	sterilised	20	5393-1131	N4		

## DispoPipette



Simple disposable sampler for taking samples of low viscosity media. If the DispoPipette is inserted into the liquid opened, an all-layer sample is obtained. If it is closed while it is inserted up to the sampling point and then opened, a target-point sample is obtained. Very easy to operate. With two opening sizes (2,5/5,5 mm) for different viscosities.

- ▶ All-layer and target point samples possible
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Ø 21 mm



Length mm	Volume ml	Model	Pieces per pack	Item no.			
500	100	standard	20	5393-5500	N4		
500	100	sterilised	20	5393-5501	N4		
1000	200	standard	20	5393-5531	N4		
1000	200	sterilised	20	5393-5532	N4		

## DispoTube



The ergonomic handle of the DispoTube makes it easier to work and facilitates a good grip even under difficult conditions, for example with gloves. Disposable sampler for taking samples of liquids.

- ▶ Ergonomic handle
- ▶ All-layer and target point samples possible
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Opening diameter 5.5 mm
- ▶ Ø 21 mm



DispoTube							
Length mm	Volume ml	Model	Pieces per pack	Item no.			
500	100	standard	20	5393-6620	N4		
500	100	sterilised	20	5393-6621	N4		
1000	200	standard	20	5393-6630	N4		
1000	200	sterilised	20	5393-6631	N4		

## DispoLadle



DispoLadle is a sampling scoop specially designed for disposable use. The scaled scoop with embossing can be used for measuring. It shows contents in increments of 10 ml, up to 200 ml. An ergonomic handle and a spout on both sides for right or left-hand operation make handling simple and easy.

- ▶ 200 ml scoop
- ▶ External Ø 92 mm
- ▶ Ergonomic handle
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays



DispoLadle							
Length mm	Model	Pieces per pack	Item no.				
500	standard	20	5393-6640	N4			
500	sterilised	20	5393-6641	N4			
1000	standard	20	5393-6650	N4			
1000	sterilised	20	5393-6651	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	Model	Pieces per pack	Item no.			
500	100	standard	20	5393-3320	N4		
500	100	sterilised	20	5393-3321	N4		
1000	200	standard	20	5393-3330	N4		
1000	200	sterilised	20	5393-3331	N4		

## PowderDispo



PowderDispo is the ideal disposable sampler for cross-section samples of powdery or slightly cohesive substances. A complete all-layer sample can be taken from bags or smaller containers with the lance.

- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Ø 21 mm

### PowderDispo

Length mm	Volume ml	Model	Pieces per pack	Item no.			
300	60	standard	20	5393-5510	N4		
300	60	sterilised	20	5393-5511	N4		
500	100	standard	20	5393-5522	N4		
500	100	sterilised	20	5393-5521	N4		

## DispoPicker



Disposable sampler for powders and small-grain bulk materials. Because the tip is closed, the sample material cannot trickle back out of the sample lance. DispoPicker is ideally suited for cross-section samples.

- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Ø 21 mm

DispoPicker						
Length mm	Volume ml	Model	Pieces per pack	Item no.		
300	60	standard	20	5393-5540	N4	
300	60	sterilised	20	5393-5541	N4	
500	100	standard	20	5393-5550	N4	
500	100	sterilised	20	5393-5551	N4	

## DispoLance



The DispoLance disposable sampler can be used for taking large and small sample quantities quickly and easily, directly from bags. The sampler is suitable for free-flowing powders and small-grain granulates. The DispoLance sampler pierces into the container with the sturdy tip and the sample flows through the open inner tube directly into the container or bag that is held underneath.

- ▶ Variable sample quantity
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Nominal width 14 mm
- ▶ Ø 21 mm

DispoLance						
Length mm	Model	Pieces per pack	Item no.			
300	standard	20	5393-5560 N4			
300	sterilised	20	5393-5561 N4			
500	standard	20	5393-5570 N4			
500	sterilised	20	5393-5571 N4			

Accessories

Description  
Sampling bag SteriBag see page 120

## MicroDispo



Quite small sample quantities (10 ml) can be taken with MicroDispo. Especially in pharmaceutical applications it often happens that only a small quantity can or should be extracted for analysis. Using the disposable sampler, precise target point samples can be taken of free-flowing powders and small-grain bulk materials.

- ▶ Ergonomic handle
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Ø 21 mm



### MicroDispo

Length mm	Volume ml	Model	Pieces per pack	Item no.
500	10	standard	20	5393-2240 N4
500	10	sterilised	20	5393-2241 N4
1000	10	standard	20	5393-2250 N4
1000	10	sterilised	20	5393-2251 N4



## MultiDispo



Disposable zone samplers for taking samples from multiple layers of the sample material. Suitable for free-flowing powders and small-grain granulates. The representative all-layer sample can be emptied directly through the open handle into a sample container.

- ▶ Easy emptying through the opening in the handle (Ø 14 mm)
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Ø 25 mm / Ø tip 30 mm



### MultiDispo

Length mm	Volume ml	Model	Pieces per pack	Item no.
500	100	standard	20	5393-4440 N4
500	100	sterilised	20	5393-4441 N4
1000	200	standard	20	5393-4450 N4
1000	200	sterilised	20	5393-4451 N4



## TargetDispo



TargetDispo is used to take a target point sample at a position in the sample material that has previously been precisely determined. The sampler pierces into the powder or granulate while closed. When it reaches the sample removal point it is opened and then closed again. In this way a precise target-point sample is obtained. The sample can simply be emptied through the open handle.

- ▶ Easy emptying through the opening in the handle (Ø 14 mm)
- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Ø 25 mm / Ø tip 30 mm



TargetDispo							
Length mm	Volume ml	Model	Pieces per pack	Item no.			
500	17	standard	20	5393-4460	N4		
500	17	sterilised	20	5393-4461	N4		
1000	17	standard	20	5393-4470	N4		
1000	17	sterilised	20	5393-4471	N4		

## ZoneDispo



The ZoneDispo disposable all-layer sampler is used in sampling to collect a representative all-layer sample from three different layers. Suitable for free-flowing powders and small-grain granulates. The collected sample can be secured and transported in the closed sampler.

- ▶ HDPE
- ▶ Clean room manufactured, individually packaged
- ▶ Optionally sterilised by gamma rays
- ▶ Ø 25 mm / Ø tip 30 mm



ZoneDispo							
Length mm	Volume ml	Model	Pieces per pack	Item no.			
500	100	standard	20	5393-4420	N4		
500	100	sterilised	20	5393-4421	N4		
1000	200	standard	20	5393-4430	N4		
1000	200	sterilised	20	5393-4431	N4		