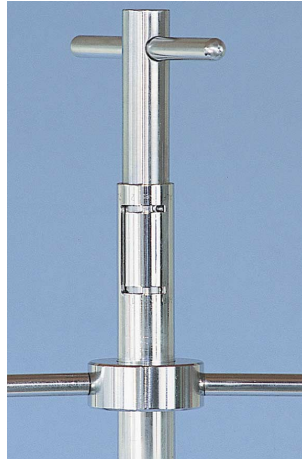
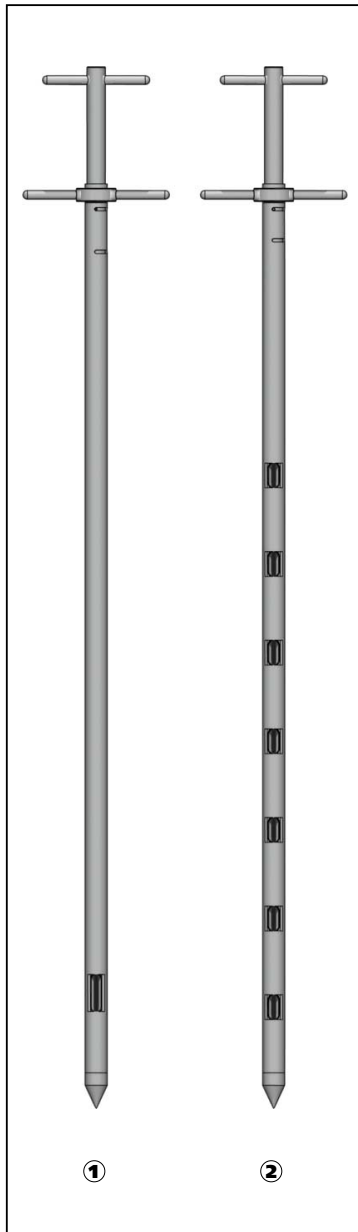


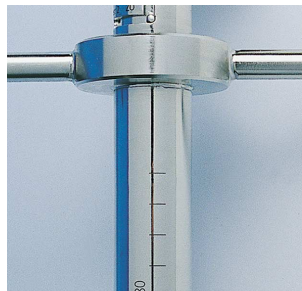
The pharmaceutical zone sampler manufactured according to FDA guidelines for unit-dose sampling



Double-sample possible without moving the lance in the bulk material



Computer-optimized geometry



Laser-engraved depth scale

- It is now possible to withdraw a double-sample without moving the lance in the bulk material. This goes a long way to prevent demixing.
- Easy cleaning is an essential component of **Novartos**.
- Complete filling and emptying of sample chambers has been improved substantially using computer-optimized geometry.
- There are almost no crevices or dead spaces where sampling residues can collect.
- The precise-fitting sampling sets are easily replaceable and available in 0.1 ml increments in volumes from 0.0 to 4.0 ml.
- Two models are available:
  - **Novartos Uno** is designed for targetted sampling from containers starting from approx. 200 l contents.
  - **Novartos Multi** is used for cross-section sampling from barrels with fewer than 200 l contents.
- The wall strength of the lance has been increased to prevent deformations.
- A laser-engraved depth scale on the lance shaft provides precise information about the insertion depth.
- Stainless steel 316L (1.4404).



Novartos was developed in co-operation with a globally-operating pharmaceuticals and chemicals corporation located in Basel, Switzerland.

**1 Novartos Uno**  
without inserts  
2 chambers; 1 zone

Length lances mm	Price/Unit	Article No.	
1400	789,00	5358-1400	N4
1000	789,00	5358-1001	N4
600	770,00	5358-600	N4

**Sampling sets for Novartos Uno**  
with volumes from 0.0 to 4.0 ml,  
available in increments of 0.1 ml,  
length 50 mm

**Article no.**  
5358-U + volume

**Ordering Example**

Volume	Price/Unit	Article No.	
0,5 ml	59,00	5358-U05	N4
3,5 ml	59,00	5358-U35	N4

**2 Novartos Multi**  
without inserts  
14 chambers; 7 zones

Length lances mm	Price/Unit	Article No.	
1000	1060,00	5358-1000	N4

**Sampling sets for Novartos Multi**  
with volumes from 0.0 to 2.0 ml,  
available in increments of 0.1 ml,  
length 35 mm

**Article no.**  
5358-M + volume

**Ordering Example**

Volume	Price/Unit	Article No.	
0,8 ml	59,00	5358-M08	N4
1,7 ml	59,00	5358-M17	N4