



Simplex 400



Simplex 450

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Sampler:	Version with handwheel
Sealings:	PTFE-seal cone, O-ring silicon (FDA compliant)
Material:	AISI 316 L product contact; AISI 304 no product contact
Pipe pressure:	from 0... 12 bar (0... 175 psi)
Opening way:	approx. 5 mm
Flow diameter:	Ø 10 mm
Versions:	different in- and output sizes your specification
Maintenance time:	max. 5 sealing, time to change approx. 3...5 minutes

Simplex 400

Different
input
connections



Cleaning connection

Simplex 450

Different
input
connections





Cleaning input and sampler output,
in different
versions and sizes.
e.g.: 1/2"; 5/8";
straight or 45°



In addition to hose nozzles,
in different sizes,
also cooling coil
can be connected.

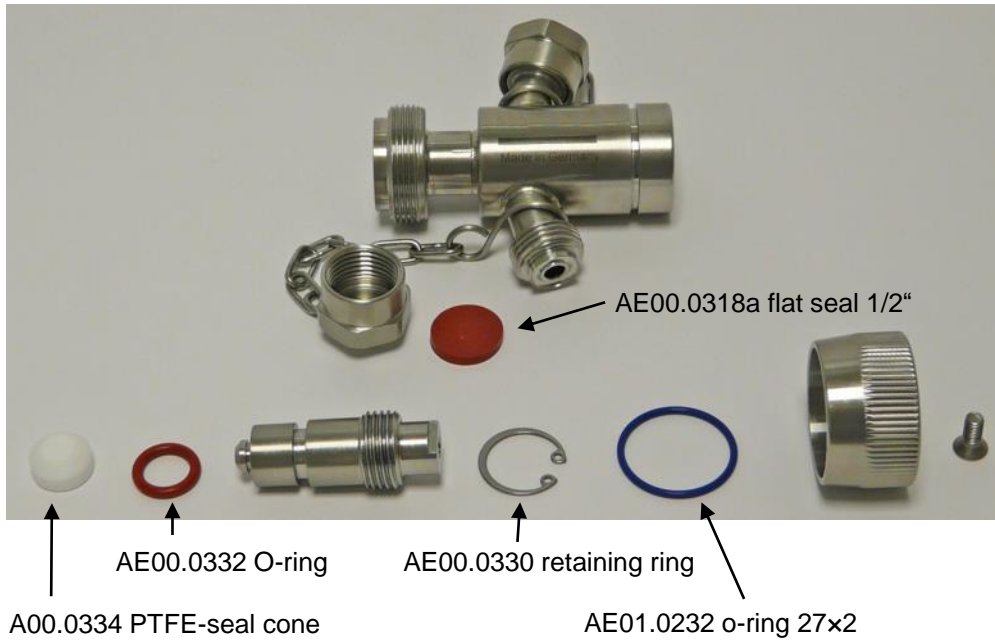


Handling

CIP cleaning completely cleans the Simplex 400 and 450.

The Simplex 450 has the advantage that it can be cleaned and sterilized through the cleaning input before sampling.

After each sample the Simplex 450 should be cleaned, then close the output and fill the sampler with alcohol through the cleaning input, then close the cleaning input. Until the next sample the sampler stays inside sterile.



Maintenance



1. Step
Release locking screw
with Phillips screwdriver



2. Step
Remove handwheel cap



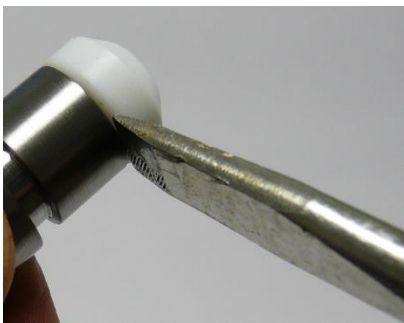
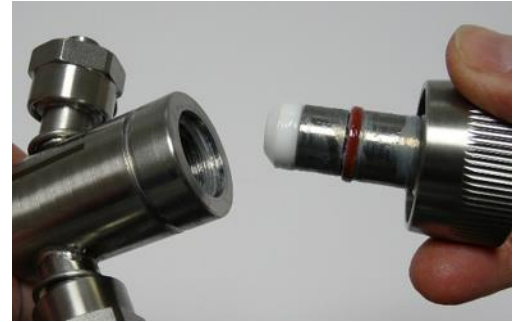
3. Step
Remove retaining ring



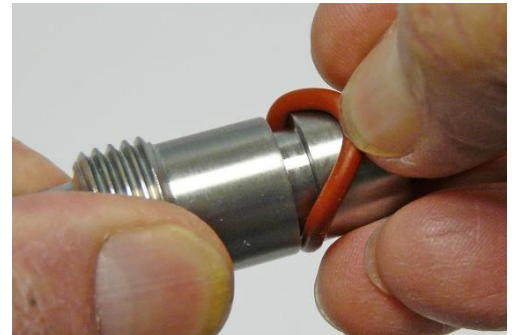
4. Stepp
Remove outer O-ring



5. Step
Unscrew the spindle with the
handwheel cap



6. Step
Tapping the Teflon seal
cone off the spindle with a
flat-head screwdriver



7. Step
Remove O-ring

After replacing the seals, grease the spindle completely, including the thread with food grease and than reassemble the sampler in reverse order.

We recommend: [PARALIQ GTE 703 from Klüber](#)



To more easily press the Teflon seal cone onto the spindle, it should be heated to +50...+70 °C (e.g. in warm water).

Important NOTE!
If the sampler is used with weld-on sockets, all seals must be removed before welding. Procedure see Maintenance.

