

Cleaning instructions

STM 225

Dust measuring instrument



Only carry out cleaning when switched off!

The service life as well as the trouble-free use of this product depends essentially on regular and product-specific cleaning and maintenance.

Cleaning of the dust measuring instrument

1



Loosen the water trap from the holder.

2



Disconnect the water trap from the hoses and disassemble it.

3



Unscrew the cylinder from the upper part and check the holes as well as the inlet/outlet for permeability. If necessary clean the parts with compressed air.

4



Assemble the water trap and insert into the holder with the arrow pointing upwards.

5



Unscrew the plastic container of the filter unit by hand. Pay attention to the sealing ring!

6



Unscrew the tie rod with filter element and replace the filter if necessary.

7



Clean the filter pot with a soft cloth (remove sealing ring before). Insert the sealing ring into the filter pot and screw in the tie rod with filter unit until the filter element is firmly seated, resp. can no longer be turned. Then screw the plastic container on by hand.

8



Open the drain cock and tilt the instrument for a few minutes to allow any condensate to flow out.

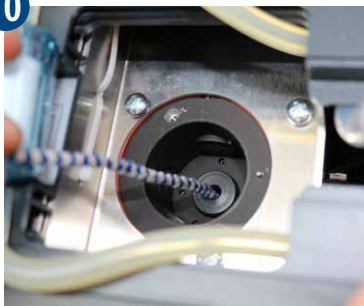


9



Turn instrument upside down and loosen bottom cover.

10



Open measuring chamber cover.
Clean the dust channel with the pipe cleaner.

11



Clean the connection for the heated line with the pipe cleaner up to the measuring chamber.

12



Clean the complete optics (3 sensors) with the provided cleaning cloth.

13



Check sealing ring for cleanliness and, if necessary, grease with commercially available vaseline.

14



Replace the pump filter if needed.
Replace in the direction of the arrow.

After successful cleaning, a tightness test is recommended. If possible, operate the instrument for approx. 30 minutes in idle mode at the end of the cleaning procedure.

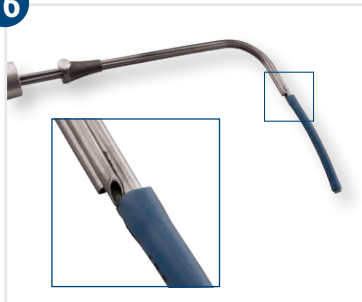
Tightness test

15



Attach the enclosed hoses to the dust measuring instrument and probe as shown.

16



The fine draft may not be covered by the hose (see illustration). Perform tightness test according to the instructions of the device.

Cleaning measuring probe

17



Clean the measuring probe with compressed air and grease the sealing rings with vaseline.



Cleaning heated line

18









Clean both hose channels regularly with compressed air (max. 3 bar). Check thread for dirt, clean with a wire brush if necessary.

19



Grease sealing rings regularly with vaseline.

Cleaning accessories and spare parts

	Article	Description	Part no.
	Cleaning kit	10 cleaning swabs 10 cleaning cloths 2 cleaning brushes	570210
	Cleaning cloths	50 pieces	570216
	Sealing ring set	1 spare sealing ring each for all existing sealing rings of the STM 225	511028
	Sealing ring for filter unit		523577
	Spare parts package for gas treatment KFP	5 inifiltec fine filter 5 teflon membrane	500208
	Flushing filter		523565

Cleaning protocol

Regular cleaning of the dust measuring device prolongs its correct functioning.

Notes



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Messtechnologie

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