

## External sample gas conditioner

The high-performance Peltier sample gas conditioner extends the application range of the testo 340 and testo 350

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Reduction of exhaust gas humidity increases measurement accuracy

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Long working life thanks to the use of high-quality, acid-resistant materials

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Small design and low weight thanks to sophisticated gas path

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Fast readiness thanks to easy connection and commissioning

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Operation independently of power grid thanks to rechargeable powerbank

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The new external sample gas conditioner from Testo makes the analysis of very humid exhaust gas more precise and efficient. The handy gas cooler can be directly connected to the measuring instruments testo 340 and testo 350.

The accessory increases measurement accuracy by lowering the temperature of the exhaust gas before it enters the measuring instrument, and separating out the water vapour in the form of condensate.

Since the water is trapped in the cooler as condensate, the measurement gas is not diluted, and water-soluble components are protected from the leaching effect by the optimized gas path.

This allows you to ensure more accurate measurement results in exhaust gas analysis by using the right measuring instrument. The gas cooler can be operated either via the power grid or with a powerbank.

## Technical data

### External sample gas conditioner

External sample gas conditioner, adapter cable for powerbank, 2 x rubber bands for fixing powerbank, chain for attaching external sample gas conditioner or exhaust gas analyzer, carrying bag, instruction manual



Order no. 0554 3501

Dimensions (W x H x D)	100 mm x 558 mm x 70 mm
Max. positive pressure in exhaust gas	Observe measuring instrument limits
Max. negative pressure in exhaust gas	Observe measuring instrument limits
Through-flow from ... to	Dependent on measuring instrument
Storage temperature	-20 to +50 °C
Operating temperature	-5 to +50 °C
Weight	550 g
External voltage supply	Mains unit 0554 8808 (5 V / 4 A)
Minimum requirements of powerbank	USB 5 V min 3 A output
Protection class	IP 30
Cooling temperature	Standard temperature +10 °C (min. 10 °C below surroundings)
Entry dewpoint	Min. 10 K dewpoint distance
Measurement duration (until condensate trap needs to be emptied)	2 h (at +60 °C entry dewpoint and 1 l/min for testo 350) 3 h (at +45 °C entry dewpoint and 1 l/min for testo 350)

### For precise SO<sub>2</sub>/NO<sub>x</sub> measurements, we recommend using the SO<sub>2</sub> low set\*

### Part no.

SO <sub>2</sub> low set unheated, consisting of: SO <sub>2</sub> low sensor, measuring range 0 to 200 ppm, resolution 0.1 ppm, special SO <sub>2</sub> low gas sampling probe, probe shaft length 735 mm, Tmax. probe shaft 220 °C, hose length 2.35 m, Ø probe shaft 8 mm, incl. cone, thermocouple NiCr-N (TI)	0563 1251	
Spare thermocouple	0430 0053	
SO <sub>2</sub> low set heated, consisting of: SO <sub>2</sub> low sensor, measuring range 0 to 200 ppm, resolution 0.1 ppm, industrial probe set heated 0600 7630, heated probe shaft, heated gas sampling hose, thermocouple NiCr-Ni (TI)	0563 2251	
Spare SO <sub>2</sub> sensor	0393 0251	

\*available for testo 350