

# S 600 COMPRESSED AIR PURITY ANALYZER



QUALITY AND PURITY OF COMPRESSED AIR



ISO 8573 compliant purity quantifications of compressed air systems are bound to time-consuming installations and long-lasting test runs ... It's time for a revolution: **The S 600 is unlike its competition.** It combines latest sensor technology, software-guided measurements and a time-saving setup into a **handy, touchscreen-controlled multi-tool.** With our S 600 you will finish measurement runs in much less time than with your traditional method, after that you don't ever want to leave your new comfort zone again. Trust us.



PRECISION



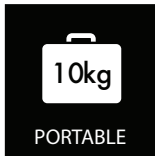
TOUCHSCREEN



EXCHANGE



PRESETS

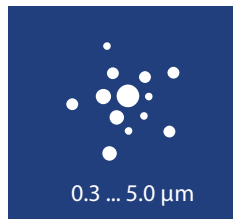


10kg

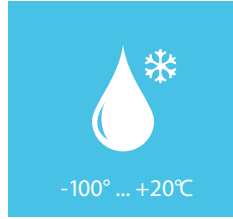
PORTABLE



CERTIFIED



0.3 ... 5.0  $\mu\text{m}$



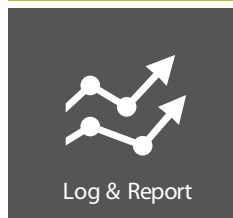
-100° ... +20°C



0.004 ... 10.000  $\text{mg}/\text{m}^3$



3 ... 15 MPa



Log & Report

## PARTICLE CONCENTRATION MEASUREMENT

- + Measurement methods according to ISO 8573 standards (together with isokinetic sampling device)
- + Latest laser detection technology
- + Smallest particle size 50% per JIS, bigger sizes 100% per JIS

## DEW POINT MEASUREMENT

- + Large ranges thanks to the unique multiple sensor technology
- + Long-term stable and well-proven measurement methods
- + High precision with an accuracy of  $\pm 2^\circ\text{C}$

## OIL VAPOR MEASUREMENT

- + Latest photoionisation detector (PID) with self-calibration
- + Wide range of oil vapor concentrations
- + High precision with 5% of reading  $\pm 0.003 \text{ mg}/\text{m}^3$  accuracy

## PRESSURE MEASUREMENT

- + State of the art sensor technology
- + Additional quality data about the compressed air system

## PLUG & PLAY MEASUREMENTS WITH A TOUCH

- + Integrated data logger records all channels in parallel for later analysis and PDF reports creation
- + 5" touchscreen interface and software guidance to easily run pre-set measurement routines

**S 600 - Technical data**

Order no. P560 0600

Applications	Portable multi-tool for compressed air purity measurements. Measures, records and validates quality parameters like particles, dew point, oil vapor contents, temperature and the pressure of compressed air systems.
Measuring unit	5" color touchscreen with data logger (100 mio. values), guided measurement and report generator function. All combined and integrated with the multiple sensor system.
Medium humidity	< 40% relative humidity, no condensation
Medium temperature	0 °C ... +40 °C
Operating pressure	0.3 ... 1.5 MPa
Ambient & Transport conditions	0 °C ... +50 °C / -10 °C ... +70 °C
Process connection	6 mm quick connect
Main power supply adaptor	AC/DC In: 100 ... 240 VAC, 50/60 Hz, 1.4 A
Casing & Weight	PC, Al alloy, total product weight < 10 kg



**S 600 - Measurement specs**

	Sensor type	Range	Accuracy
Particles	Laser optical detection	0.3 ... 0.5 µm	50% @ 0.3 ... 0.4 µm per JIS
		0.5 ... 1.0 µm	100% @ 0.4 ... 5.0 µm per JIS
		1.0 ... 5.0 µm	
Oil vapor	Photoionisation detector PID	0.003 ... 10.000 mg/m <sup>3</sup>	5% of value ± 0.003 mg/m <sup>3</sup>
Dew point	Dual-sensor technology (QCM + Polymer)	-100 °C ... +20 °C µm	± 2 °C

**S 600 - Upgrades**

Perfect accessories to enhance the capabilities

Isokinetic sampling device  
Combine our isokinetic sampling device to enhance the experience of simplicity and measure particles according to ISO 8573  
**(Order No. A554 0600)**

