

AIR PURITY ANALYZER – OS 600

DESCRIPTION

OS 600 combines sensor technology, software-guided measurements and a time-saving setup into a handy, touchscreen-controlled multi-tool. With our OS 600 you will finish measurement runs in much less time than with your traditional method.

OS 600 is 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. It is ISO 8573 compliant.



APPLICATIONS ⁽²⁾

- Air Compressor
- Compressed air piping
- After-cooler
- Cyclone condensate separator
- Pressure vessel/Air tank
- Air dryer
- Point of use

⁽¹⁾ For any other technical gas please contact us or your local dealer

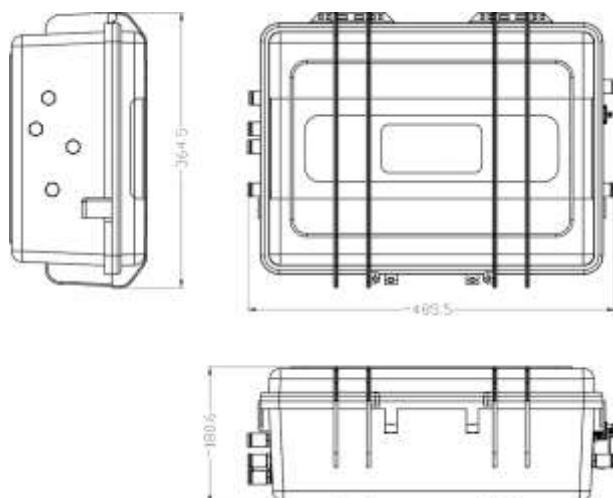
⁽²⁾ OS 600 can be used in variety of applications. For applications not listed please contact us or your local dealer.

TECHNICAL SPECIFICATION

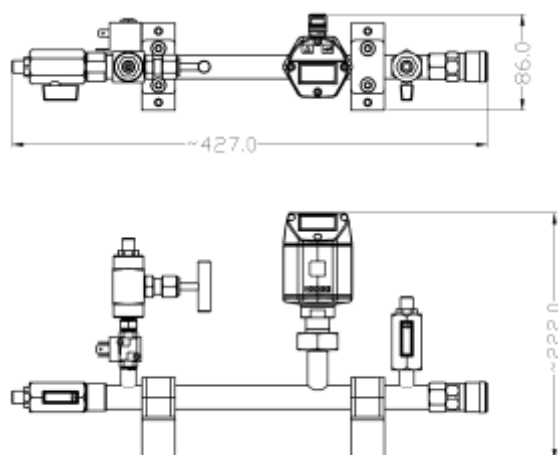
Measuring unit	5" color touch screen with data logger
Process connection	Male quick connector (1.5 m hose with coupling included)
Operating pressure	3 ... 15 bar
Ambient temperature	0 ... +50°C
Storage temperature	-10 ... +70°C
Transport temperature	-10 ... +70°C
Medium	Compressed air, N ₂ , CO ₂ (software setting)
Medium temperature	0 ... +40°C
Medium humidity	< 40% rh, no condensation
Reference settings	ISO1217 20°C 1000 mbar
UV lamp lifetime (oil vapor sensor)	1 year or 6000 working hours, whichever comes first
Power supply	Mains supply adapter (AC/DC) Input: 100 ... 240 VAC, 50/60 Hz, 1.4 A Output: 24 VDC, 2.5 A, 60 W max.
Data logger	100 million values
Measured values	Temperature, pressure, oil vapor, dew point particle concentration
Interface	USB, Ethernet (Modbus/TCP)
Display	5" Touchscreen (800 x 480 px)
Dew point sensor	Dual-sensor technology (QCM & Polymer)
Particle sensor	Laser optical detector
Oil vapor sensor	PID (Photoionization detector)
Measurement duration	Min. 35 minutes
Sampling rate	1 sample / sec
Classification	IP65 (cover lid closed)
Casing material	PC + ABS, Al alloy
Weight	9.8 kg
EMC	IEC 61326-1

DIMENSIONS

Dimensions of OS 600 in mm (cover closed)



Dimensions of isokinetic sampling device (optional) in mm:



ORDERING

Order No.	Description
4000975	OS 600, Solid particle: 0.1 ... 5.0µm, Dew point: -100... +20°C, Oil vapor: 0.003 ... 10.000 mg/m ³
4000976	OS 600, Solid particle: 0.1 ... 5.0µm, Dew point: -100... +20°C, Oil vapor: 0.003 ... 10.000 mg/m ³ , sampling device

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	<p>Our quality management system is certified by BUREAU VERITAS in conformity with ISO 9001:2015 Reg. number: 200285</p>
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