

QUALITY AND PURITY MEASUREMENT FOR COMPRESSED AIR AND GASES

Measuring air quality.





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Quality measurements in industrial applications is one of the key factors to ensure your process quality. Knowing the process parameters helps you to optimize the efficiency. Furthermore it ensures your product quality.

QUALITY MEASURMENT for any application

SUTO instruments for measuring the compressed air quality are reliable and long term stable solutions to ensure your process quality. Malfunctioning filter system cause huge damages to production processes and finished products. To prevent such damages, monitoring of the quality parameters is essential.

SUTO offers the right measurement solution which fits your needs.

PRODUCT QUALITY

24/7 QUALITY MONITORING

ALARMS WHEN LIMITS ARE EXCEEDED

CONTINUOUS DATA LOGGING

PROCESS PURITY

SELECTION TABLE

Measurement task	Sensor Model	
	Portable Solution	Stationary
Particle concentration	S130 / S132	S130 / S132
Dew point / humidity	\$505	S220 / S212 / S215
Oil vapor concentration	S120	S120
All-in-one	S600	S601
(Particle concentration, Dew point /		
humidity, Oil vapor concentration)		



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S120 RESIDUAL OIL VAPOR SENSOR FOR COMPRESSED AIR

	MATION
Features	R
Measures oil vapor contents in compressed air	S12
Can be used for permanent or in portable applications	
Measures down to 0.003 mg/m ³ (Resolution 0.001 mg/m ³)	
Easy connection through sampling hose and quick-connector	
Output signals: 4 20 mA, RS-485, Modbus/RTU, Relay switch (NO)	回物統
PID sensor for highest accuracy	12
Service and alarm indication through LED, optional display with data logger	



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LASER PARTICLE COUNTER FOR COMPRESSED AIR AND AMBIENT AIR
Features
Easy connection to compressed air through 6 mm quick-connector
Can be used as portable as well as stationary instrument

Particle sizes from 0.1 ... 5.0 μm (depending on model)

Optional display with integrated datalogger

Measures according to ISO 8537-4

S130 / S132

Output signals: RS-485, Modbus/RTU, SDI (SUTO internal signal), Relay Switch (NO) Connectable to SUTO displays and dataloggers as well as third parties displays and control units





S220 / S212 / S215 / S505 DEW POINT SENSORS FOR COMPRESSED AIR AND GASES

Features

Different models for different ranges from -100 to +50°C Td
IP65 casing provides robust protection in rough industrial environment
Fast response time ensures safe and reliable indication whenever dew points are out of valid ranges
Can be installed directly into dryers through G 1/2" thread
High accuracy of $\pm 2^{\circ}$ C dew point
S505: Portable solution with data logger





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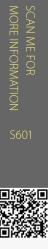


S600 PORTABLE COMPRESSED AIR PURITY ANALYZER

Features

4	4-in-1 measuring device
ł	High resolution 5" colour touch screen interface
	Software-guided measurements
ł	Particle concentration measurements according to ISO 8537 standards
[Dew point measurement with multiple sensor technology
(Oil vapor measurements with high precision





S601 STATIONARY COMPRESSED AIR PURITY ANALYZER

Features

	reatures
	Compressed air analyzer for 24/7 monitoring
	User friendly 6 mm quick-connector
	5-in-1 measurement device
	Dew point measurement with unique dual sensor system
	Oil vapor measured on highest precision
	Pressure and temperature measurement



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