

QUALITY AND PURITY MEASUREMENT FOR COMPRESSED AIR AND GASES



We measure your air quality



WELCOME TO FRESH IDEAS

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.

PRODUCT QUALITY

24/7 QUALITY MONITORING

ALARMS WHEN LIMITS ARE EXCEEDED

CONTINUOUS DATA LOGGING

PROCESS PURITY



QUALITY MEASUREMENT 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 high 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.

SELECTION TABLE

Measurement task	Sensor Model	
	Portable Solution	Stationary
Particle concentration	S 130 / S 131	S 130 / S 131
Dew point / humidity	S 505	S 220 / S 212 / S 215
Oil vapor concentration	S 120	S 120
All-in-one (Particle concentration, Dew point / humidity, Oil vapor concentration)	S 600	S 601



S 120

RESIDUAL OIL VAPOR SENSOR FOR COMPRESSED AIR

Features

- Measures oil vapor contents in compressed air
- Can be used for permanent or in portable applications
- Measures down to 0.003 mg/m³ (Resolution 0.001 mg/m³)
- Easy connection through sampling hose and quick-connector
- Output signals: 4 ... 20 mA, RS-485, Modbus/RTU, Relay switch (NO)
- PID sensor for highest accuracy
- Service and alarm indication through LED, optional display with data logger

SCAN ME FOR
MORE INFORMATION

S 120



SCAN ME FOR
MORE INFORMATION

S 130
S 131



S 130 / S 131

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
- 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



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MORE INFORMATION

S 220
S 212
S 215
S 505



S 220 / S 212 / S 215 / S 505

DEW POINT SENSORS FOR COMPRESSED AIR AND GASES

Features

- Different models for different ranges from -100° to +50°C
- 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 ± 2°C dew point
- S 505: Portable solution with data logger



S 600

PORTABLE COMPRESSED AIR
PURITY ANALYZER

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

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MORE INFORMATION

S 600



SCAN ME FOR
MORE INFORMATION

S 601



S 601

STATIONARY COMPRESSED AIR
PURITY ANALYZER

Features
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



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

SUPPORT
PARTNERSHIP
RELIABLE
INNOVATIVE
ACCURATE

SUTO iTEC
your partner in measurement

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