

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 effeciency. Furthermore it ensures your product quality.

PRODUCT QUALITY

24/7 QUALITY MONITORING

ALARMS WHEN LIMITS ARE EXCEEDED

CONTINOUS DATA LOGGING

PROCESS PURITY



SUTO instruments for measuring the compressed air quality are reliable and long term stable solutions to ensure your process quality. Malfunctioning filter system cause hugh 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	S 600	S 601
(Particle concentration, Dew point /		
humidity, Oil vapor concentration)		

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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



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S 130 / S 131

LASER PARTICLE COUNTER
FOR COMPRESSED AIR AND AMBIENT AIR



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

Meaures 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







DEW POINT SENSORS FOR COMPRESSED AIR AND GASES



Features

Different models for different ranges from -100° to +50°C

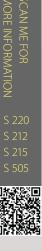
IP65 casing provides robust protection in rough industrial environment

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 $\pm 2^{\circ}$ 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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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 effeciency. Furthermore it ensures your product quality.

PARTNERSHIP

RELIABLE

SUPPORT

INNOVATIVE

ACCURATE

SUTO ITEC

your partner in measurement

EUROPEAN OFFICE	CHINA OFFICE	ASIA / PACIFIC OFFICE
SUTO iTEC GmbH	SUTO iTEC (China) Co. Ltd	SUTO iTEC (ASIA) Co. Limited
Werkstr. 2 79426 Buggingen Germany Fon: +49(0) 7631 936 889 0 Fax: +49 (0) 7631 936 889 19 Mail: sales@suto-itec.com	D3 Building, Unit A, 11/F, TCL International E City 1001 Zhongshanyuan Road, Nanshan Shenzhen, China Tel: +86 (0) 755 8619 3164 Fax: +86 (0) 755 8619 3165	Room 10, 6/F, Block B, Cambridge Plaza 188 San Wan Road, Sheung Shui, N.T. Hong Kong Tel: +852 2328 9782 Fax: +852 2671 3863 Email: sales@suto-itec.asia
Mail: sales@suto-itec.com		

