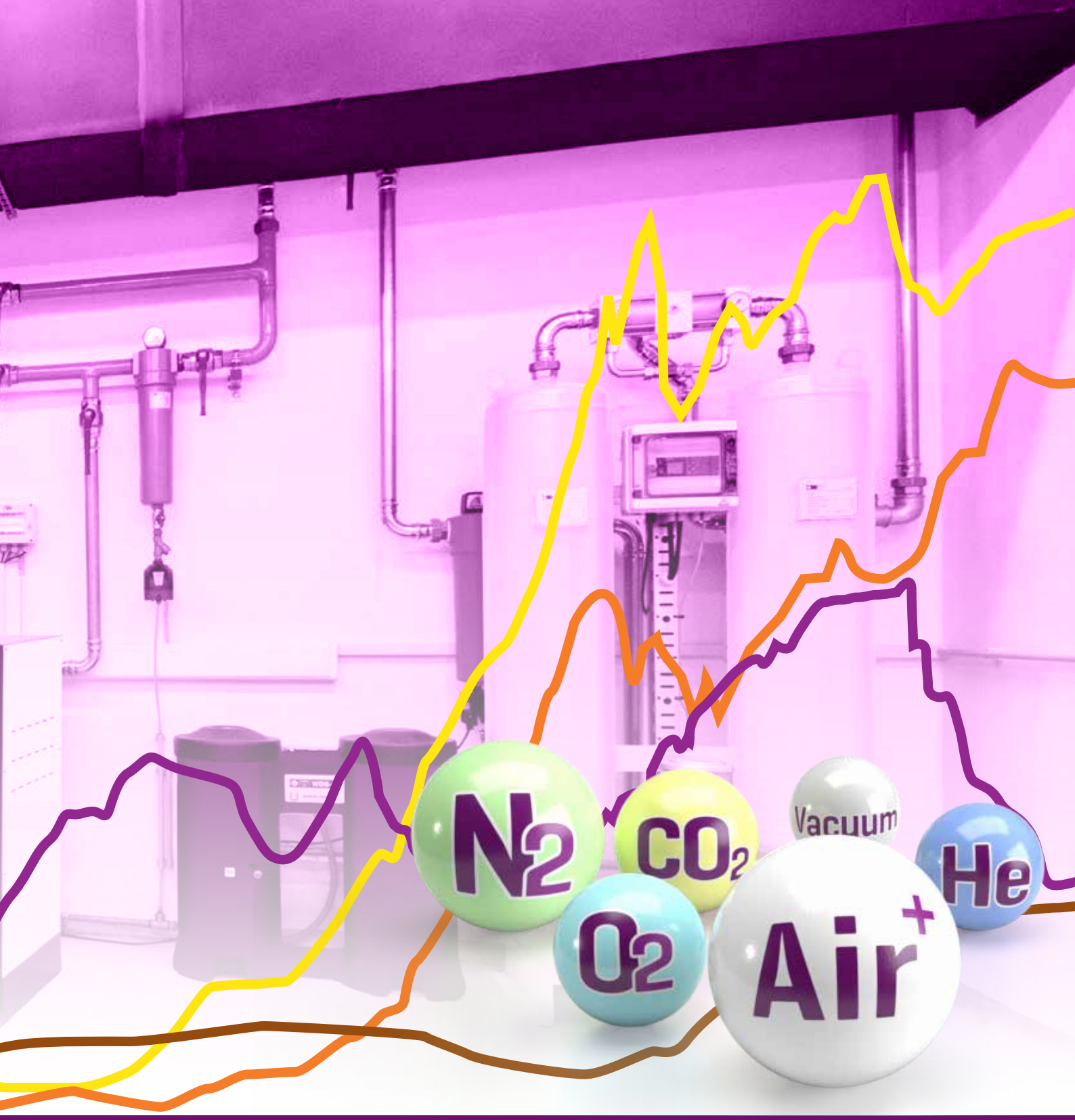


OMEGA AIR

OS SERIES

Measuring equipment

MEASURING EQUIPMENT FOR COMPRESSED AIR

Compressed air is one of the most common but also one of the most expensive energy sources in industry. Quality and energy efficient air compressors are definitely the most important components of every compressed air system, but without appropriate air treatment and measuring equipment it is not possible to provide quality and low cost compressed air.
Stable product quality, process optimization and energy savings are just some of the reasons why measuring equipment is becoming essential part of today's compressed air/gas systems.

1

Page 4

DISPLAY / DATA LOGGER

Measuring means knowing the actual performance of your system and our display units/data loggers provide a user friendly and cost effective solution for monitoring of different operating parameters (pressure, flow, dew point, ...).
Number and type of input signals, as well as analytics capability depend on the version of display/ data logger unit used.

2

Page 5-7

FLOW / CONSUMPTION SENSOR

Flow measurement is essential part of every compressed air/gas system. By knowing the exact air production or consumption rate, we can optimize complete system, assure stable quality and also reduce energy losses. Flow monitoring of existing system also gives us valuable information in case we are dimensioning a new system or considering an upgrade to the system.

3

Page 8-10

DEW POINT SENSOR

Beside solid particles and oil, compressed air also contains large amounts of water and water vapors. In order to provide stable product quality, contaminants including water must be removed or reduced to the acceptable level based on specific application requirements.
Typical applications where water content is limited are outdoor installations where the risk of freezing occurs. Applications with high quality requirements in terms of air dryness is for example the process air in process industry (food and beverage, pharmaceutical, electronic, chemical, ...).
Humidity (water vapour content) is expressed in the terms of Pressure Dew Point (PDP) where dew point is the temperature at which air is 100 % saturated with moisture. Dew point sensor gives us reliable information about actual PDP of compressed air and makes it possible to react quick in case PDP is out of limit.

4

Page 11

PRESSURE SENSOR

Operating pressure is one of the most important parameters of any compressed air/gas system. Precise measurement of pressure is vital for most stages of air treatment (e.g. filters, dryers, ...) as well as for applications at consumption side (e.g. machines, end-users, ...).
Indirect pressure sensors can also give us information about energy losses through pressure drop.

5

Page 13

RESIDUAL OIL SENSOR

Oil presence in compressed air has negative effect on most air treatment applications (PSA systems, membranes, ...) as well as on end product/process quality and safety. Therefore it is essential that oil content does not exceed permissible value.
Proper air treatment equipment reduces oil content but only the use of a proper residual oil sensor and sufficient monitoring assures that air quality meets requirements of specific application. Sensor with PID (photoionization detector) offers an easy to use, affordable and reliable solution.

6

Page 16

LASER PARTICLE COUNTER

Dust and particle elimination through increasingly fine levels of filtration is common throughout the compressor plant. But even then further contamination throughout the distribution system can occur, which makes point of use filtration and measurement essential for maintaining compliance with plant or international standards.

Monitoring the particle sizes and concentration is a key indicator of the system's efficiency that can be used to guide maintenance tasks, as well as contribute to plant compliance with the purity classes set in ISO 8573-1.

DISPLAY & DATA LOGGER

OS 331

Touch screen
5" large color LCD

Tight protection
IP65 protection class

Data logger
100 million values

APPLICATIONS
• General compressed air systems

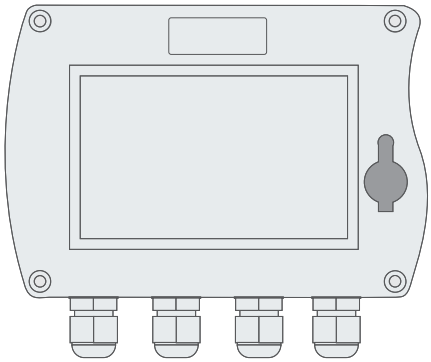
DESCRIPTION
The OS 331 is a powerful yet cost effective local display, sensor interface and data logging solution for virtually any application. Up to 16 sensors can be connected to a single device allowing local nodes to be setup throughout the factory. With it's easy to use, high resolution 5" touch screen, information from all the connected sensors can be accessed locally making readings easy to access for those on the ground.
Modbus/RTU or Modbus TCP output data can be transmitted into the site's ethernet network allowing information to be viewed in real time. OS 331 also enables IoT settings to connect with OS4A software IoT version. Alternately locally logged data can be downloaded onto a USB memory card or directly to a computer through the USB port.

OS 331	
Casing	Size: 120 x 173 x 67 mm
Display size	5" (Resolution: 800 x 480)
Power supply	100 to 240 VAC, 20 VA
Ambient temperature	0 to 50 °C
Sensor inputs	2x digital SDI inputs or 1x digital SDI input and 1x Modbus input 2 x analog imput (option)
Communication interface	RS-485, Ethernet, USB
Alarm	2 relays, 230 VAC, 3A, NC
Data logger	100 million values
Sampling rate	1/s
Accuracy	See sensor specification
Protection class	IP65
Included	Wall mountable casing with 6 cable glands + Ethernet OS 4A software for data analysis

NOTE: Power supply cable is not included.

2 digital inputs:
- SDI Sensors (up to 2 SDI sensors)
- Modbus Sensors (up to 16 Modbus sensors)

2 analog inputs (option):
- 0 to 20 mA, 4 to 20 mA
- 0 to 10 V
- Pulse



→ 2 Alarm relay outputs

→ Ethernet, RS-485, USB port

THERMAL MASS FLOW SENSOR

OS 401 & OS 421

Total flow
High accuracy and reliable measurements

DN25 - DN250
tube diameters

Easy process monitoring
Effective and inexpensive measurements

APPLICATIONS
• General compressed air systems

DESCRIPTION
OS 401/OS 421 are flow sensors, suitable for consumption measuring in different compressed air systems.

Display shows the volumetric flow and the total compressed air consumption. Various settings such as gas type, flow unit, reference standards, can be set.

OS 401 & OS 421	
Pressure range	OS 401: 0... 50 bar OS 421: 0... 16 bar (40 bar optional)
Flow rate	See table below
Accuracy	1,5 % of reading +0,3 % of full scale
Principle of measurement	Thermal mass
Output signal	4 to 20 mA (3-wire), Modbus/RTU, Modbus/TCP
Process connection	OS 401: BSP ½"; OS 421 see the table below
Ambient temperature	–10 °C to 50 °C
Operating media temperature	–30 °C to 140 °C
Material	Metal parts 1.4404 (316L) Casing PC + ABS SEnsor ceramic with glass coating
Protection class	IP65
Included	Build-in 2,4" color graphics display

OS 401 insertion type		
Connection size	Length of shaft	Measuring range at 7 bar, 20 °C
inch	mm	m^3/h
G ½	220	depends of pipe size, max. 185 m/s

OS 421 in-line type	
Connection size	Measuring range
inch	m^3/h
G ½	0,5 to 90
G ¾	0,9 to 170
G 1	1,5 to 290
G 1 ¼	2 to 500
G 1 ½	3 to 700
G 2	4 to 1.000
G 2 ½	6 to 1.500
G 3	8 to 2.500

OS 421: Shortened inlet section!
Recommended inlet section length is: *l = 15 x inner pipe diameter*

THERMAL MASS FLOW SENSOR

OS 415

Point of use installation
No straight pipe section required

Compact design
Makes it easy to fit into the application

Easy process monitoring
Effective & inexpensive recording

APPLICATIONS
General compressed air systems, where space is limited.
Measurement at the point of use, directly at the machine or process.

DESCRIPTION
Asymmetric velocity profiles, swirl, and other factors caused by bends in pipes can lead quickly to inaccurate readings. And it is often not possible to place flow meters at hard-to-reach places.
The solution is our new generation of compact, easy to install, reliable and cost-effective flow and consumption meter OS 415.

OS 415	
Pressure range	Up to 10 bar
Flow rate	See table below
Accuracy	3 % of reading
Principle of measurement	Thermal mass
Output signal	4 to 20 mA , 3-wire or Modbus RTU
Process connection	BSP female
Ambient temperature	0 °C to 50 °C
Material	Aluminium alloy
Protection class	IP54
Included	4-digit LED display

Connection size	Measuring range
inch	m^3/h
G ¼	15
G ½	60
G ¾	120
G 1	210

PITOT TUBE FLOW SENSOR

OS 430

Total flow
High accuracy and reliable measurements

Easy process monitoring
Effective & inexpensive recording

APPLICATIONS
Wet air or high mass flow, measures air delivery at compressor discharge

DESCRIPTION
The OS430 is based on the pitot tube principle to measure flow. Properly installed sensor can measure in wet and dirty gases as occurring, for example, at the discharge of a compressor.
The sensor features long term stability, wide turndown ratio and good temperature stability. It can be used in compressed air and non-corrosive gases.

OS 430	
Pressure range	Up to 16 bar
Flow rate	See table below
Accuracy	1,5 % of reading +0,3% of full scale
Principle of measurement	Pitot tube
Output signal	4 to 20 mA (3-wire), Modbus/RTU, Modbus/TCP
Process connection	BSP ¾"
Ambient temperature	–20 to 60 °C
Operating media temperature	–40 to 230 °C
Material	Measuring section: Stainless steel 1.4404 (316L)
Included	Build-in display

OS 430			
Connection size	Inner pipe diam.	Measuring range	
		min	max
inch	mm	m³/h	m³/h
G 1	27,3	23	229
G 1 ¼	36	51	507
G 1 ½	41,9	76	756
G 2	53,1	130	1.298
G 2 ½	68,9	227	2.274
G 3	80,9	318	3.175
G 4	100,0	488	4.880
G 5	125,0	763	7.625
G 6	150,0	1.099	10.993
G 8	200,0	1.961	19.611
G 10	250,0	3.064	30.642
G 12	300,0	4.412	44.125

DEW POINT SENSOR

OS 211, OS 215, OS 220

Compact design
Makes it easy to fit into the application

Precise measurements
Long term stable results

Low dew point
down to –100 °C Td (with OS 220)

APPLICATIONS
- General compressed air systems
- Compressed air dryers
- Plastic injection process resin drying
- Blow moulding process
- Medical gases in hospitals

DESCRIPTION
OS range dew point sensors provides reliable and long term stable dew point monitoring in industrial applications.

The sensor technology used in the sensor offers superior measurement signals at very low moisture applications, allowing reliable measurements.
The included sinter cap protects the sensor from dust and other particles, this ensures a stable measurement and low maintenance at the same time.

Option:
OS MC - Measuring chamber

	OS 211	OS 215	OS 220
APPLICATION:	Adsorption & Refrigeration dryers	Refrigeration dryers	Adsorption dryers
Measuring range	Dew point: –60 to 20 °C Td Temperature: –30 to 70 °C	Dew point: –20 to 50 °C Td Temperature: –30 to 70 °C	Dew point: –100 to 20 °C Td Temperature: –30 to 70 °C
Max. operating pressure	16 bar		
Accuracy	Dew point: 0 to 2 °C Td: ± 1 °C Td –60 to 0 °C Td & 20 to 50 °C Td: ± 2 °C Td –100 to –60 °C Td: ± 3 °C Td		Temperature: ± 0,3 °C
Ambient temperature	0 to 50 °C		
Process connection	G ½"		
Output signal	4 to 20 mA, 2-wire		
Protection class	IP65		
Material	Process connection: stainless steel Casing: Zinc alloy		

DEW POINT MONITOR

OS 305

Plug & play
Simply connect your compressed air

Alarm indication
Via relay outputs

Precise measurement
±2 °C Td accuracy

APPLICATIONS
- General compressed air systems
- Compressed air dryers and sensitive equipment
- Plastic injection process resin drying
- Blow moulding process
- Medical gases in hospitals

DESCRIPTION
The All-In-One dew point monitor serves as a measuring and display device. The connection to the compressed air network is via a 6 mm quick connect and corresponding connecting hose. The entire measuring unit is integrated together with the display in a rugged housing (IP65) and is available as a wall-mounted housing. Two alarm levels can be programmed (pre and main alarm), serving an optical indicator or separate relay outputs. The dew point meter allows a simple and inexpensive dew point monitoring.

	OS 305	
Application	Adsorption dryers	Fridge dryers
Measuring range	Dew point: −50 to 20 °C Temperature: −30 to 70 °C	Dew point: −20 to 50 °C Temperature: −30 to 70 °C
Max. operating pressure	15 bar	
Accuracy	Dew point: ±2 °C Temperature: 0,3 °C	
Response Time t90	−50 °C Td to −20 °C Td : 20 sec 0 °C Td to −40 °C Td : 120 sec	
Connection	6 mm quick connector	
Output signal	4 to 20mA, 3-wire, 2 relay outputs	
Power supply	100 to 240 VAC, 24 VDC	
Ambient temperature	−10 °C to 40 °C	
Protection class	IP65	
Casing	ABS, alluminium alloy	

PORTABLE DEW POINT SENSOR

OS 520

Portable unit
Hand held unit with a rugged case

Data logger
Integreated mass storage

Pressure sensor
Always integrated

Dew point audits
Indication of class on display

Touch Screen
3,5" color LCD touch screen

APPLICATIONS
• Compressed air systems

DESCRIPTION
OS 520 is a combination of next generation measurement technology with modern user interface design. The experienced user knows that dew point measurement also requires the measurement of line pressure (according to ISO 8573), since dew point is pressure dependent. With the OS 520 the line pressure is measured in combination with the dew point. Smart prediction algorithm enables the user to predict the dew point end value, before it is actually reached. Integrated indicator for ISO 8573 shows measured predictal and target class.

	OS 520A	OS 520B	OS 520A+
Measuring medium	Air, N_2, Ar, CO_2 (down to −40 °C Td)		
Measuring range	Dew point: −100 to 20 °C Td	Dew point: −50 to 50 °C Td	Dew point: −100 to 20 °C Td
	Relative humidity: 0 to 100 %		
	Temperature: −30 to 50 °C		
	Pressure: 0 to 15 bar		
Accuracy	Dew point: ±1 °C Td (0 - 20 °C Td) ±2 °C Td (−60 - 0 °C Td/20 - 50 °C Td) ±3 °C Td (−100 - −60 °C Td)		Temperature: ± 0,3 °C Pressure: 0,5 % FS
Operating media temperature	−30 to 70 °C		
Ambient temperature	0 to 40 °C		
Process connection	G 1/2" for direct sensor connection, measuring chamber with 6 mm hose quick coupling.		
Battery	Battery life: 8 h Charging time: 3 h		
Material	PC + ABS		
Interface	USB-C		
Display	3,5" color LCD touch screen		
Data logger	100 million values		
Camera	5.0 Mpix		
Included	Parking/Measuring chamber, USB-OTG memory stick, 1,5m PTFE hose 6 mm with quick coupling, USB Charger with USB-C cable, transport case **Only with OS 520A+:** Wireless printer, measurement snapshot, dew point end value prediction, camera		

PRESSURE SENSOR

OS 16 & OS 40

Universally appliable

APPLICATIONS

- General compressed air systems
- Industrial equipment
- Hydraulic systems
- Pneumatic systems
- Industrial engines
- HVAC/R equipment
- Spraying systems
- Pumps
- Cooling systems

DESCRIPTION

High accurate and affordable industrial pressure sensor with excellent anti-interference capability.

	OS 16	OS 40
Measuring/pressure range	Up to 16 bar	Up to 40 bar
Process connection	G ¼" thread	
Casing	Stainless steel	
Output	4 to 20 mA (2-wire) or Modbus/RTU	
Accuracy	± 0.5% full scale for 4 to 20 mA version ± 0.25% full scale for Modbus/RTU version	
Media temperature	–30 to 100 °C for 4 to 20 mA version –40 to 85 °C for Modbus/RTU version	
Protection class	IP67 for 4 to 20 mA version IP65 for Modbus/RTU version	

PORTABLE ULTRASONIC LEAK DETECTOR

OS 531

Touch Screen
3,5" color LCD touch screen

Photographing leak parts
Build in camera to take photo of leak locations

Mass Storage
Almost unlimited memory for leak records, photos and voice recording

Laser
Pinpoints locations with laser pointer

Loss calculate
Calculates air loss in m^3/h and in local currency

APPLICATIONS
Leak detection in compressed air or any other gas system.

DESCRIPTION
OS 531 is an ultrasonic leak detector that helps users quickly find and record leakages in compressed air or any gas systems. The built-in touch screen helps the user to easily operate and detect leaks. Photographing and voice recording make leak surveys even more flexible and efficient.
OS 531 is designed to work with LMS (Leak Management System) to enable companies to properly manage their leakage detection and repair activities, either through cloud based service or local server installation.

	OS 531
Principle of measurement	Ultrasonic leak detection
Measuring medium	Compressed air, refrigerants and any compressed gases
Measurement bandwidth	35 – 45 kHz
Plug	3.5 mm stereo phone jack for head set
Operating temperature	0 to 40 °C
Battery life	About 8 hours
Charging temperature	10 to 45 °C
Charging time	Around 3 hours
Housing material	PC + ABS
Interface	Wireless connection to headset USB for charging and data exchange Wi-Fi
Display	3.5" color LCD
Laser pointer	Wavelength: 640 to 660 nm Output power: < 1.0 mW
Camera	5.0 Mega Pixel
Headset	Noise isolated, wireless
Included	Charger, wireless head set, focus tube & tip, case

RESIDUAL OIL SENSOR

OS 120

Touch screen
5" large color LED

Accurate results
Latest PID sensor technology

Data logger
100 million values

APPLICATIONS
- General compressed air systems
- Downstream of activated carbon filters
- Downstream of oil-free compressors after dryers
- Wherever upstream drying and filtration is applied

DESCRIPTION
The OS 120 oil vapor sensor monitors the oil content of compressed air and gases permanently. For best accuracy and long term stability, the OS 120 sensor is automatically calibrated. Sensor contaminations and sensor life time are monitored and displayed to the user. In case of 'over range' detection the sampling air is removed from the sensor to protect it against contamination.

The simple installation and outstanding performance makes the OS 120 the ideal choice when oil vapor content needs to be measured and monitored.

OS 120	
Measuring range	Concentration: 0,003 to 10,00 mg/m³,
	Gas temperature: –20 to 50 °C
	Pressure: 3 to 15 barg
	Relative humidity: < 40 % RH, no condensation
Accuracy	5% of reading ± 0.003 mg/m³
Resolution	0,001 mg/m³
Sample flow rate	< 2 l/min, measuring gas is released to ambient
Principle of measurement	PID (photoionization detector)
Output signals	4 to 20 mA, RS-485, Modbus/RTU, Relay: NO, 60 VDC
Gas connection	6 mm quick connection
Ambient/gas temperature	–20 to 50 °C
Display size	5" touch screen (resolution 800 x 480)
Power supply	24 VDC, 10 W
Data logger	100 million values
Protection class	IP 65
Casing	PC, Al alloy
Dimensions	271 x 205 x 91 mm

LASER PARTICLE COUNTER

OS 130 & 132

Particle measurement

According to ISO 8573

APPLICATIONS

- General comp. air systems
- Medical air
- Pharmaceuticals
- Breathable air
- Food and beverage
- Medical engineering
- Conveyance of hygroscopic food
- High tech processes
- Electronics industry

DESCRIPTION

OS 130 / OS 132 are a new generation laser particle counter optimized for applications in compressed air or other compressed gases. With quality in mind and knowing the needs of customers, this instrument is designed for continuous operation 24 hours, 7 days a week. Depending on the selected model the sensitivity is available from 0.1 µm up to 5.0 µm.

OS 130 / OS 132 can fulfill the requirements stipulated in the compressed air standard ISO 8573-4. The measurement values represent the particle
counts per ft^3, l or m^3 or alternatively in $\mu g/m^3$. Settings can be done through the integrated display, an external display or through the service software.

		OS 130	OS 132
Measuring range	System pressure	3 to 10 bar	
	Particle size	0,3 µm < d < 5 µm	0,1 µm < d < 5 µm
	Ambient temperature	10 °C to 40 °C	
Channel sizing	Channel 1	0,3 µm < d < 0,5 µm	0,1 µm < d < 0,5 µm
	Channel 2	0,5 µm < d < 1 µm	0,5 µm < d < 1 µm
	Channel 3	1 µm < d < 5 µm	1 µm < d < 5 µm
Counting efficiency		50 % for smallest size, 100 % for particles 1,5x bigger	
Sample flow rate		2.83 l/min	
Sampling rate		One sample per minute	
Output signal		RS-485, Modbus RTU, Relay: NO, 32 VDC	
Gas connection		6 mm quick connection	
Ambient/gas temperature		10 to 40 °C	
Display size		5" touch screen (resolution 800 x 480)	
Power supply		24 VDC, 10 W	
Data logger		100 million values	
Protection class		IP 65	
Casing		PC, Al alloy	
Dimensions		271 mm x 205 mm x 91 mm	300 mm x 240 mm x 120 mm

PORTABLE COMPRESSED AIR PURITY ANALYSER

OS 600 set

All in one
Dew point, particle, oil vapor and pressure

Portable
Can be carried with one hand

Precision
Accurate measurement

APPLICATIONS
- Compressed air system monitoring
- Air quality audits

DESCRIPTION
The OS 600 combines latest sensor technology, software-guided measurements and a time-saving setup into a handy, touchscreen-controlled multi-tool.

With our OS 600 portable multi-tool you will perform measurements in much less time than with your traditional method.

Measures, records and validates quality parameters like particles, dew point, oil vapor contents, temperature and the pressure of compressed air systems.

OS 600 set			
	Particles	Oil vapor	Dew point
Measuring range	0,1 µm < d < 0,5 µm 0,5 µm < d < 1 µm 1 µm < d < 5 µm	0,003 to 10.000 mg/m³	–100 to 20 °C Td
Accuracy	50 %: 0,1 < d <= 0,15 µm 100 %: d > 0,15 µm	5 % of value ± 0.003 mg/m³	±2 °C
Principle of measurement	Laser optional detection	Photoionization detector PID	Dual-sensor technology (QCM + Polymer)
Operating pressure	3 to 15 bar		
Medium temperature	0 to 40 °C		
Ambient temperature	0 to 50 °C		
Sampling rate	1 sample/sec		
Measurement duration	min. 35 minutes		
Output signal	Modbus TCP, USB		
Display size	5" touch screen (resolution 800 x 480)		
Power supply	100 to 240 VAC, 50-60 Hz		
Data logger	100 million values		
Protection class	IP65		
Casing	PC + ABS, Al alloy		
Included	OS 600 portable compressed air analyser, Isokinetic sampling device		

PORTABLE COMPRESSED AIR PURITY ANALYSER

OS 601

All in one
Dew point, particle, oil vapor and pressure

Compact design
Can be installed anywhere

Precision
Accurate measurements

APPLICATIONS
• Compressed air system monitoring

DESCRIPTION
The OS 601 combines three major quality measurements into a single wall mountable device. Optimized to be used as Plug & Play system, the OS 601 helps users to identify the air quality at a glance.

The OS 601 combines the latest sensor technology and a time-saving setup into a one of its kind multi-tool. Mount it, power it, connect it and measure.

OS 601				
		Particles	Oil vapor	Dew point
Measuring range	OS 601-A	0,3 µm < d < 0,5 µm 0,5 µm < d < 1 µm 1 µm < d < 5 µm	0,003 to 10.000 mg/m³	–100 to 20 °C Td
	OS 601-B	0,1 µm < d < 0,5 µm 0,5 µm < d < 1 µm 1 µm < d < 5 µm		
	OS 601-C	0,3 µm < d < 0,5 µm 0,5 µm < d < 1 µm 1 µm < d < 5 µm	/	
	OS 601-D	0,1 µm < d < 0,5 µm 0,5 µm < d < 1 µm 1 µm < d < 5 µm	/	
Accuracy		A, C: 50%: 0,3 µm < d <= 0,45 µm 100%: d > 0,45 µm B, D: 50%: 0,1 µm < d <= 0,15 µm 100%: d > 0,15 µm	5 % of value ± 0.003 mg/m³	±2 °C Td
Principle of measurement		Laser optical detection	Photoionisator detector PID	Dual-sensor technology (QCM + Polymer)
Operating pressure	3 to 15 bar			
Medium temperature	0 to 50 °C			
Sampling rate	1 sample/sec ... 1 semple/hour			
Measurement duration	Continuous			
Output signal	Modbus TCP, USB			
Gas connector	6 mm quick connection			
Display size	5" touch screen (resolution 800 x 480)			
Power supply	100 to 240 VAC, 50-60 Hz			
Data logger	100 million values			
Protection class	IP54			
Casing	Sheet steel, externally powder coated			

PORTABLE DATA LOGGER, FLOW, DEW POINT, PRESSURE SENSORS

OS 551-P4 set

READY-TO-GO

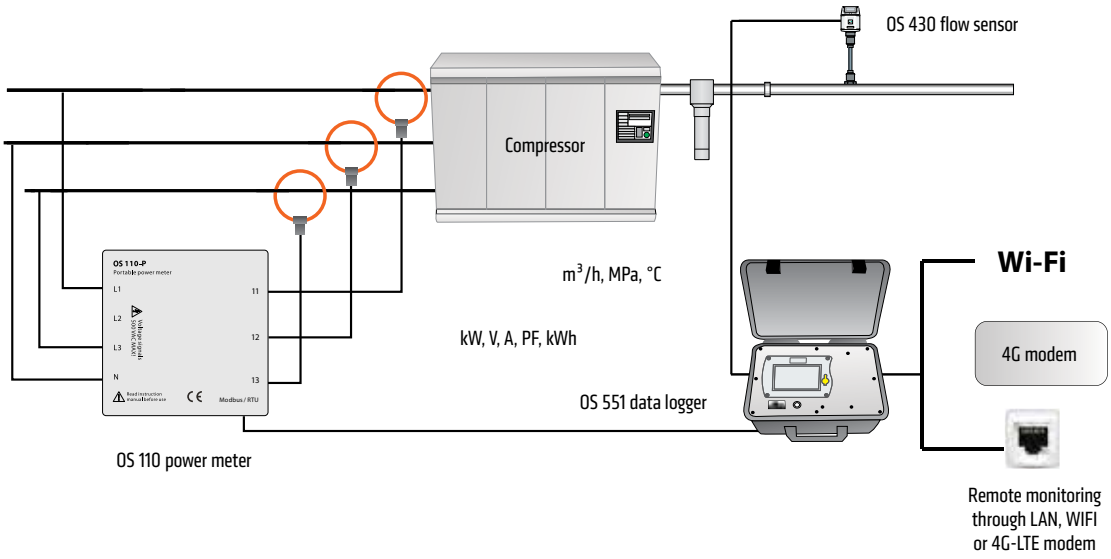
Portable
Configuration of various sensors

APPLICATIONS
• Compressed air audits

DESCRIPTION
OS 551 - P4 set is the perfect set for compressed air audits. It will measure compressor power consumption, flow and pressure. These are the most relevant facts of each compressor - how much power it consumes and how much air it provides.

Each set consists out of:
- 1x OS 551-P4 data logger
- 1x OS 430 flow meter for wet air (measures also pressure)
- 1x OS 110 power meter with 3 current sensors
- 1x additional case for sensors and cables

OS 551-P4	
Size	365 mm x 270 mm x 169 mm
Weight	4 kg
Protection class	IP65
Power supply	230 VAC / 50 Hz (standard) 110 VAC / 60 Hz (on demand)
Battery	Internal rechargeable battery / up to 8 hours of operations
Operating temperature	0 to 50 °C
Communication interface	USB, Ethernet
Accuracy	See sensor specification
Included	18 sensors data recorder, USB cable OSA4 Software for data analysis included (requires internet connection)



PORTABLE DATA LOGGER, FLOW, DEW POINT, PRESSURE SENSORS

OS 551-P6 set

READY-TO-GO

Portable
Configuration of various sensors

APPLICATIONS
• Compressed air audits

DESCRIPTION
OS 551 - P6 set is perfect for compressed air station analysis. It measures major factors like flow, dew point and pressure, providing an inside view of system performance.

Each set consists out of:
- 1x OS 551 portable data logger
- 1x OS 401 flow sensor
- 1x OS 220 dew point sensor
- 2x OS 16 pressure sensors

OS 551-P6	
Size	365 mm x 270 mm x 169 mm
Weight	4 kg
Protection class	IP65
Power supply	230 VAC / 50 Hz (standard) 110 VAC / 60 Hz (on demand)
Battery	Internal rechargeable battery / up to 8 hours of operations
Ambient temperature	0 to 45 °C
Communication interface	USB, Ethernet
Accuracy	See sensor specification
Included	20 sensors data recorder, USB cable OS4A software for data analysis included (requires internet connection), additional case for sensors

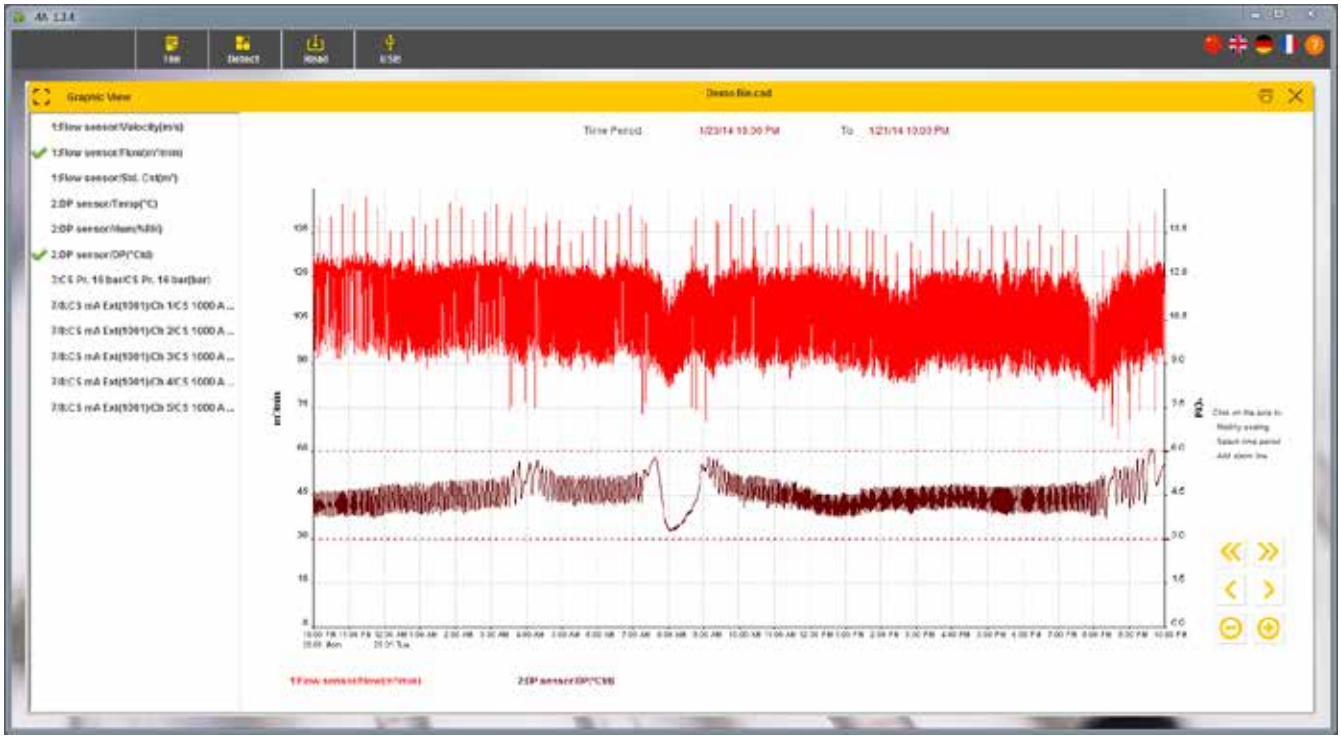
SOFTWARE FOR DATA LOGGERS

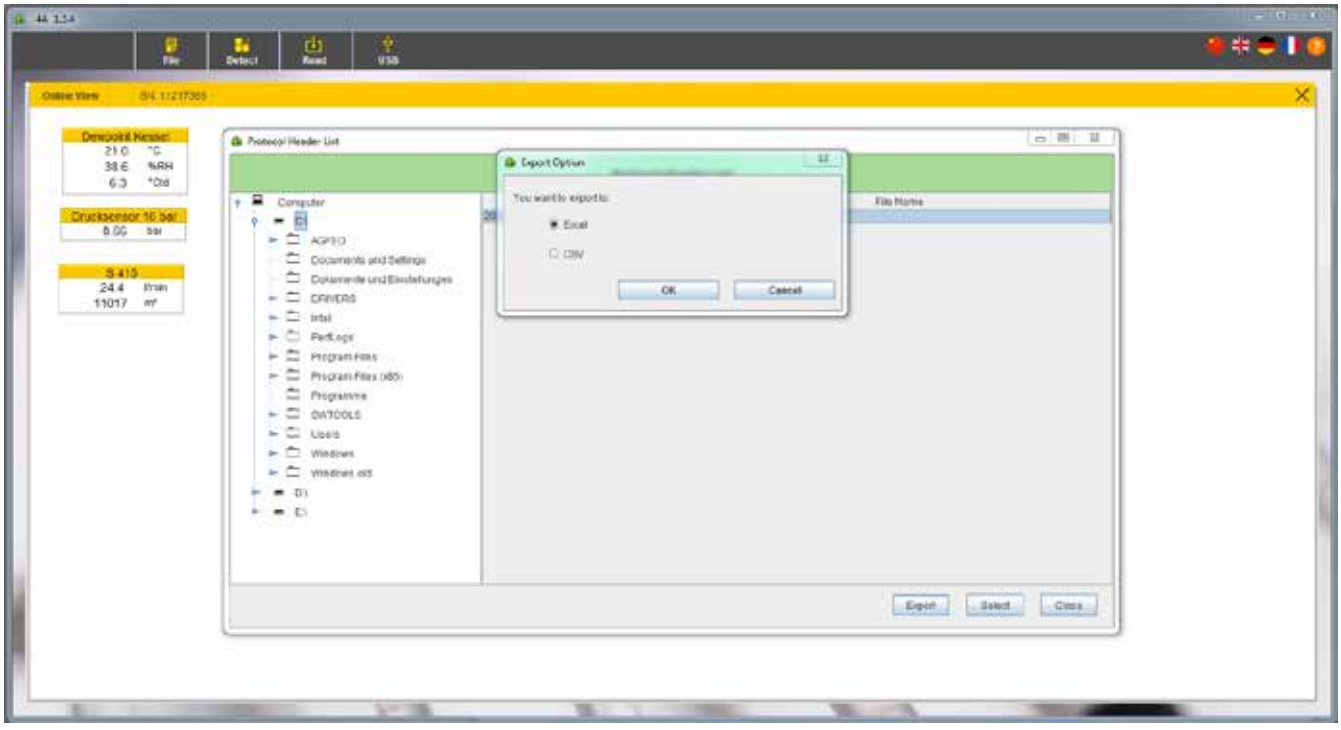
OS4A

With software OS4A, more users can have easy and convenient access to files that are recorded by the data loggers such as OS 331, OS 505, OS 551 and OS 601.

The OS4A software enables you to:
- Read & download data from all our logging devices
- Download saved screenshots from all our logging devices
- Download and access to the logger devices via Ethernet
- Save and export log files into different file formats
- Quickly and simply analyze the data using the efficient graph view
- Add alarm thresholds to the graph for easier analysis

OS4A software is the right step to achieve a system-wide integration of OS data loggers into industrial applications, providing end users the best experience possible.





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