

ACCESSORIES



C190 0002

Description Closing cap for S 421/S 450 material: 1.4404.

Application To close the measuring sections in case the sensor unit is removed.



C190 0060

Description Thread adaptor, G1/2' internal to PT1/2' external, SUS303.

Application Used to adapt S 401 or S 450 to a PT thread ball valve.



C190 0065

Description Thread adaptor, G1/2' internal to NPT1/2' external, SUS303.

Application Used to adapt S 401 or S 450 to a NPT thread ball valve.



C190 0116

Description Flow conditioner.

Application Wafer type flow conditioners, which is flanged between two flanges 5-8 times diameter upstream of the flow meter. Please specify nominal pipe diameter and pressure.



A530 1105 / A530 1106 / A530 1111 / A530 1113

Description High pressure installation device. To be used for pressure > 1.5 MPa.

Application For safety reasons we recommend to use this installation device whenever the operating pressure exceeds 1.5 MPa.

* A530 1105 - High pressure installation device for S 401-220mm

* A530 1106 - High pressure installation device for S 450-220mm

* A530 1111 - High pressure installation device for S 401-400mm

* A530 1113 - High pressure installation device for S 450-400mm



A530 1108

Description SUTO spot drilling device.

Application This drilling tool is used to drill holes into compressed air pipes under pressure through a ball valve.



A553 0121

Description Sensor cable, 6 pole, AWG22, 7.5 mm outer diameter, w/ shielding, black (per meter)

Application Sensor cable for S 450 sensor, US flow meter and power meter



A553 0122

Description Sensor cable, 5 pole, AWG24, 5.0 mm outer diameter, black (per meter)

Application Standard sensor cable for flow and dew point sensors



A553 0123

Description RS-485 cable 3 pole with shielding, AWG 24

Application RS-485 connection cable



A553 0104

Description Sensor cable 5 m, with M12 connector, open wires, AWG24 (0.2 mm²)

Application Cable can be used to connect SUTO sensors to a PLC or power supply.



A553 0105

Description Sensor cable 10 m, with M12 connector, open wires, AWG24 (0.2 mm²)

Application Cable can be used to connect SUTO sensors to a PLC or power supply.



A554 0006

Description Power supply for hat rail, input: 85 ... 264 VAC, output: 24 VDC, 20W.

Application This power supply can be used to supply sensors with 24 VDC/2A. It's mounted on a hat rail.



A554 0007

Description Power supply wall mountable, input: 85 ... 264 VAC, output: 24 VDC, 15W, without cable

Application This power supply is used to supply 24 DC to sensors and other devices.



A554 0008

Description 1/2" G type ball valve

Application This is a proper ball valve for the installations of flow sensors S 401/S 450.



P554 0009

Description Wall thickness meter

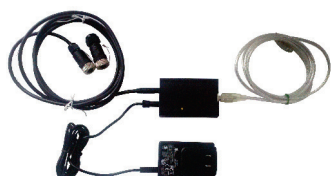
Application The instrument is used to measure the wall thickness of pipes. The experience shows, too often the inner diameter of pipes is not exactly known, but is significant for an accurate flow measurement. By measuring the wall thickness and the pipe size the exact inner diameter can be calculated.



A554 0107

Description Mains unit 100-240 VAC/24 VDC, 0.5A for S 401/S 201 series, 2 m cable

Application Simple power supply for a portable S 421 or S 401 solution (Special plug on request)



A554 2005

Description Service kit for sensor configuration including software

Application This service kit can be used for all SUTO sensors to change settings and check sensors.

For overview of sensor power consumption please refer to page 69.



A699 3491

Description Measuring chamber, 2 l/min @ 0.8 MPa, fast connector, without filter, max. pressure 1.5 MPa, suitable for all SUTO dew point sensors.

Application For easy connection and disconnection to compressed air system through quick-disconnector.



A699 3493

Description By-pass-type chamber with 6 mm hose in and out connection up to 1.5 MPa.

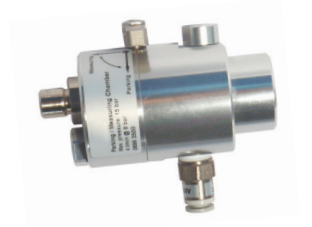
Application This chamber can be used in applications where the measured gas is by-passed through the chamber.



A699 3500

Description Measuring chamber, 4 l/min @ 0.8 MPa, hose fast connector, with filter, recommended pressure range 0.3 ... 1.5 MPa, convenient dew point measurement of gas/air with S 505.

Application The sample gas/air is connected to the chamber through a 6 mm Teflon® hose. The chamber is mounted to the S 505 through the 1/2 " G-type thread connection. Parking and measurement position is selected through the handle at the chamber, which allows quick measurement results.



A699 3501

Description By-pass-type chamber with 6 mm hose in and out connection up to 1 MPa, convenient dew point measurement of gas/air with S 505.

Application This chamber can be used in applications where the measured gas is by-passed through the chamber to avoid any gas/air loss. The chamber is mounted to the S 505 through the 1/2 " G-type thread connection. Parking and measurement position is selected through the handle at the chamber, which allows quick measurement results.



A699 3496

Description Measuring chamber for dryer installation, 2 l/min @ 0.8 MPa, hose fast connector, without filter, max. pressure 1.5 MPa

Application The sample gas/air is connected to the chamber through a 6 mm Teflon® hose. The chamber is mounted to stationary S 2XX dew point sensors through the 1/2 " G-type thread connection. This chamber can be conveniently mounted to the frame or cabinet of a dryer.



A699 3690

Description Chamber for atmospheric pressure dew point.

Application This chamber is used where the gas is supplied under pressure (up to 1.0 MPa) but the measurement should be under atmospheric conditions. The measurement result will be atmospheric dew point.



A699 3590

Description High pressure chamber up to 35 MPa.

Application In applications where the pressure is exceeding 1.5 MPa, this chamber can be used. Through the adjustable valve a small purge is set to ensure a gas flow through the sensor element (response time).



A554 0054

Description Compressed air quick coupling, female side R 1/2" thread

Application Connect this quick coupling to a 1/2" ball valve to set up a quick connector for measurement of dewpoint, oil and particle



A554 0026

Description Coalescing filter, with quick connect at inlet for 6 mm hose and thread nibble for connection to measuring chamber.

Application Eliminates liquid water and oil from entering the measuring chamber and sensor unit.



Dew point sensor protection caps

Application Protection caps are used to protect the dew point sensor element from mechanical impacts or dust. The proper cap selection depends in application. Please contact customer service



A554 0002

Description Test pot 11.3% RH.

Application Is used to check dew point sensors. The pot creates a constant relative humidity of 11.3%. The resulting dew point is depending on the ambient temperature, at 25 °C it is equal to -6.3 °C.



D500 0005

Description S 51 panel meter, with 4-20 mA input and 2 alarm outputs, 85 ... 240 VAC supply, 96 x 48 mm panel

Application Installations in dryers or similar equipment as dew point indicator



C219 0055

Description M12 connector with RS-485 termination resistor, 120 Ω

Application Termination resistor for enhancing communication stability of RS-485 network. Connect it to the final device of RS-485 network



A554 3310

Description M12 RS-485 (Modbus) splitter

Application Stationary Modbus splitter for easier wiring

For overview of sensor power consumption please refer to page 69.



A554 0013

Description RS-485 / Ethernet gateway
Protocol: - Modbus / RTU
- Modbus TCP

Application Converts RS485 physical layer to Ethernet and RTU protocol to Modbus TCP protocol.



A554 0011

Description RS-485 Repeater

Application A repeater is used whenever the bus length of RS-485 exceeds 500 m. After every 500 m of cable distance a repeater is recommended.



A554 0331

Description RS-485/USB converter

Application This converter brings RS-485 to the USB port of the PC.



D554 0031

Description Current meter, 0-20 mA, 8 channels, Modbus / RTU

Application For connecting up to 8 sensors with 0 ... 20 mA/4 ... 20 mA signal via RS-485 to S 330/331.



D554 0032

Description Pulse meter, 7 channels, Modbus / RTU

Application For connection up to 7 sensors with pulse output signal via RS-485 to S 330/331.