



DS 400 Dew point - Set

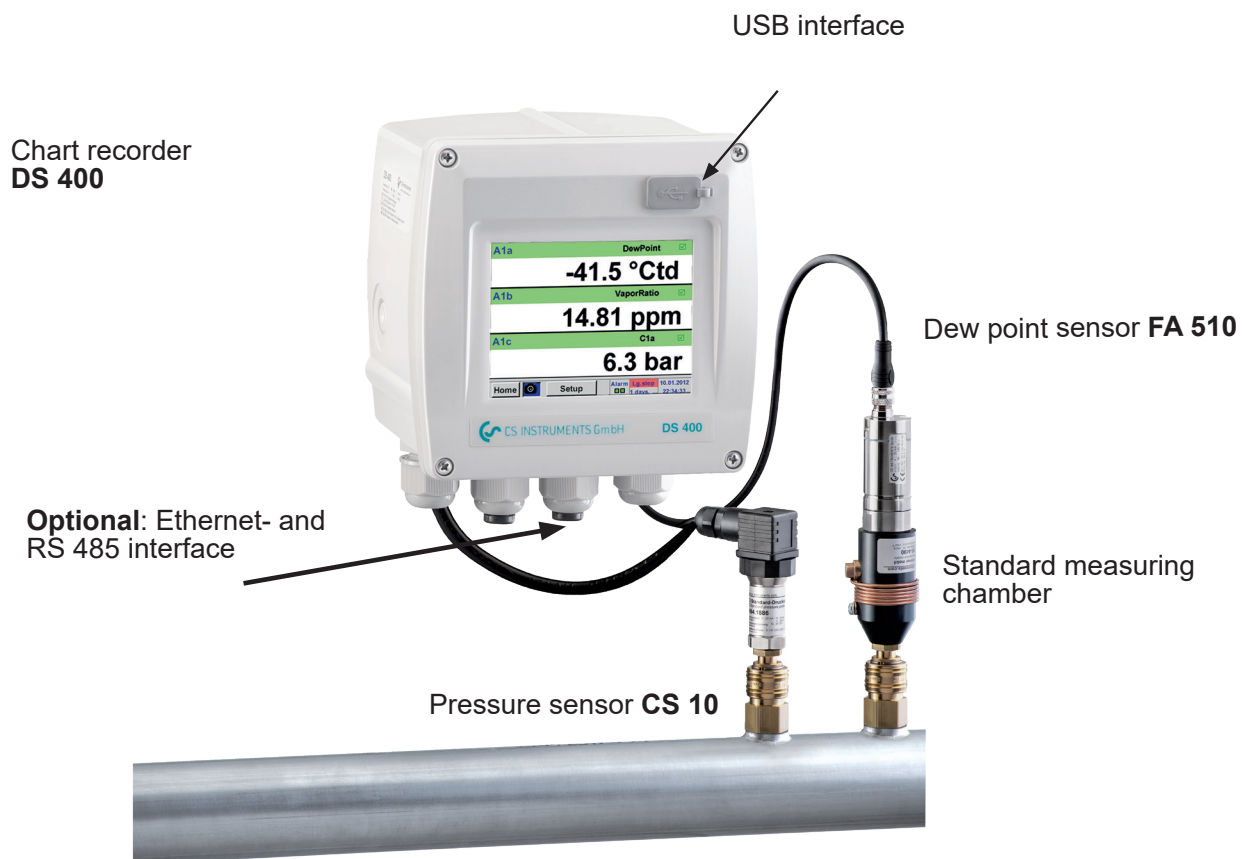
for monitoring of medical compressed air -

display of **humidity ratio** in **ppm** and pressure dew point °Ctd.

for stationary dew point monitoring of refrigeration or desiccant driers. The touch screen graphic display enables an intuitive operation and shows the progress of the measured values. 2 alarm relays are available for monitoring of threshold values. Available either with a classic analogue output 4...20 mA or optionally with digital interfaces like Ethernet and RS 485 (Modbus protocol). As a stand-alone solution the measured data stored in the optional data logger can be read-out via USB stick and evaluated by means of the software CS Soft Basic.

Dew point - Set DS 400

Consisting of:





DESCRIPTION	ORDER NO.
Dew point set DS 400 for desiccant driers (-80...+20°Ctd) threshold value 67 ppm (V/V)	0601 0513
Dew point set DS 400 for refrigeration driers (-20...+50°Ctd) threshold value 870 ppm (V/V)	0601 0514
Option: Integrated data logger for 100 million measured values	Z500 4002
Option: Integrated Ethernet and RS 485 interface	Z500 4004
Option: Integrated webserver	Z500 4005
Further accessories	
CS Soft Basic - data evaluation in graphic and table form - reading out of the measured data via USB or Ethernet	0554 7040
Alarm unit mounted at wall housing	Z500 0003
Alarm unit for external mounting with 5 m cable	Z500 0004
Calibration	
Precision calibration at -40 °Ctd or +3 °Ctd including ISO certificate	0699 3396

TECHNICAL DATA DS 400

Dimensions:	118 x 115 x 98 mm IP 54 (wall housing) 92 x 92 x 75 mm (panel mounting)
Inputs:	2 digital inputs for FA 510 2 analogue inputs for pressure sensors
Interface:	USB-interface
Power supply:	100...240 VAC, 50-60 Hz
Accuracy:	see technical data FA 510
Alarm outputs:	2 relays, (pot.-free)
Data logger	100 million measuring values start/stop time, measuring rate freely adjustable

TECHNICAL DATA CS 10

Housing:	316L
Unit:	bar
Type of pressure:	relativ
Measuring range:	0...10 bar 32 bar overrange limit
Process connection:	G 1/4A according to DIN 3852-E
Accuracy:	+/- 0.5 %
Allowed medium temperature:	0...+80 °C
Output signal:	4...20 mA, 2-wire

TECHNICAL DATA FA 510

Measuring range:	-80...20 °Ctd or -20...50 °Ctd
Accuracy:	± 1 °C at 20...-20 °Ctd ± 2 °C at -20...-50 °Ctd ± 3 °C at -50...-80 °Ctd
Pressure range:	-1...50 bar, special version 350 bar



Integrated data logger

- Recording of the dew point progression of up to 100 million measuring values

Option:

- CS Soft Basic for evaluation in graphic and table form. Read-out of the data either via USB stick or via Ethernet