

Comfortable data evaluation (with graphic or table layout) of the saved data via RS 232 interface in connection with PC software (included in delivery).

Multifunction measuring instrument CS 2390-5. with data logger. The all-rounder for compressed air plants



Technical data CS 2390-5

Meas. inlet: CS2390-5	3 probe inlets with galvanic insulation
Channels:	4 channels per probe
Outputs:	CS 2390-5 2 outputs for PC, memory extension, network use, analogue output
Power supply	
Battery:	79 V for probes
Mains operation:	Mains unit 12 V DC
Power consumption:	7 mA w/o probe
Display:	$1^{1}/_{2}$ digits, 7 segment
Meas. rate:	2.5 measurements
Housing:	H 180 x B 85 x D 133 mm, shockproof ABS
Operating temp.:	max. +70°C
Memory:	with CS 2390-5, 32 KB for 6000 m.v.
Memory extension:	128/256 KB for 25.000/50.000 m.v.



CS 2390-5 is the ideal and affordable service instrument for all measuring tasks in the compressed air field. The all-rounder for compressed air plants with 3 probe inlets. At one time, two of the probes mentioned below can be connected. This makes possible simultaneous measurement of pressure dew point and volume flow.

Inside the same housing, CS 2390-5 with data logger and PC interface is equipped wit 3 probe inlets and is particularly suitable for long-term measurement and evaluation of data with the PC. The internal memory saves up to 6,000 measured values and the memory extensions for 25,000 or 50,000 measured values guarantee sufficient memory capacity.

Special advantage:

- The saved data can directly be printed on a standard PC printer with the Gentronics data cable

- The instrument series CS 2390-5 is suitable for networking. Up to 99 intruments can be interconnected.



Professional Set

Order no. 0600 2390-5

The all-round set for compressed air plants, consisting of

CS 2390-5, mobile 3-channel meas. instrument

- Dewpoint and pressure dewpo int measurement up to +80°Ctd with simultaneous temperature (°C) and humidity (%RH) measurement with with only one probe
- Velocity, volume flow, consumption measurement in m/s and Nm³/h
- Pressure measurement up to 40 bar
- Surface and penetration probes
- Hard case

Multifunction measuring instrument CS 2390-5

with data logger. The all-rounder for compressed air plants



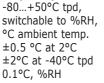


Precision pressure dewpoint probe

Accuracy:

Meas. range:

Resolution:





Beside the special probes for compressed air applications, a great many probes for other parameters can also be connected, for example:

- Pressure, differential pressure, temperature, air velocity, (vane probes, pitot tubes)
- Volume flow in liquids, force, distance, RPM
- Electric parameters, current/ voltage signals, clamp current transformer
- Analytics, PH and conductivity oxygen
- The whole range of 4...20 mA and 0...10V sensors and measuring trans ducers



Pressure probe Meas. range: Accuracy: Resolution: Limit for overload:

0...40 bar 1% of final m.v. 0.1 bar double value

Description	Order No.
CS 2390-5 professional set - the all-rounder with probes and hard case	0600 2395
CS 2390-5 portable 3-channel meas. instr. incl. cable for air flow probe	0601 2395
PC connection cable V24, USB cable upon request	2390 1909
Interface cable for connection of standard printers, Centronics data cable, cable length 5 m	2390 1936
Memory extension 128 KB, 25,000 measured values, for CS 2390-5	2390 1904
Memory extension 256 KB, 50,000 measured values, for CS 2390-5	2390 1905
Mains unit 12 VDC, 230 VAC	2390 2290
Charger for rechargeable batteries	2390 2000
Rechargeable battery for long-term measurements 1,5 Ah	2390 2012
Carrying case	2390 2280
Hard case	0554 6000
Portable pressure dew point probe -80+50°C $_{td}$ with measuring chamber, cable length 2 m	0699 3003
Portable air flow probe	3300 0080
Pressure probe 40 bar, G1/4" connection	0694 0040
Surface temperature probe, length = 100 mm, up to max. +400°C	0604 2222
Penetration probe, $L = 100$, up to max. +400°C	0604 2232
Thermocouple wire with welded tip	0604 3901
	CS 2390-5 professional set - the all-rounder with probes and hard case CS 2390-5 portable 3-channel meas. instr. incl. cable for air flow probe PC connection cable V24, USB cable upon request Interface cable for connection of standard printers, Centronics data cable, cable length 5 m Memory extension 128 KB, 25,000 measured values, for CS 2390-5 Memory extension 256 KB, 50,000 measured values, for CS 2390-5 Mains unit 12 VDC, 230 VAC Charger for rechargeable batteries Rechargeable battery for long-term measurements 1,5 Ah Carrying case Hard case Portable pressure dew point probe -80+50°C _{td} with measuring chamber, cable length 2 m Portable air flow probe Pressure probe 40 bar, G1/4" connection Surface temperature probe, length = 100 mm, up to max. +400°C Penetration probe, L = 100, up to max. +400°C

Temperature probes

Surface temperature probe -40...+400°C Meas. range: Class 2, type NiCr-Ni Accuracy: Resolution: 0.1°C Dimensions: Diameter 3 mm, probe length 100 mm T90: 3 s Meas. tip: Silver rivet Calbe length: 1.2 m **Penetration temperature** probe -40...+400°C Meas. range: Accuracy: Class 2, type NiCr-Ni 0.1°C Resolution: Dimensions: Diameter 2 mm, probe length 100 mm T90: 3 s Meas. tip: Penetration tip Calbe length: 1.2 m Thermocouple wire with welded tip Meas. range: -200...+205°C Class 2, type NiCr-Ni Accuracy: 0.1°C Resolution: Dimensions: Diameter 1.5 x 2.5 mm, probe length 100 mm T90: 1.5 s Meas. tip: Penetration tip

We have the suitable probes for almost all measuring tasks. Just ask us!

1.5 m

Calbe length:

