

# Dew Point Meters

## FT-TP 506 / FT-TP 556 / FT-TP 460

Compressed air applications always have one problem: Humidity and condensate. Industrial high quality standards require a continuous monitoring of the humidity, with results which are reliable and stable for a long period.



**FT-TP 506:** measuring range -20...+50°C (**refrigerating dryers**)

**FT-TP 556:** measuring range -80...+20°C (**adsorption and membrane dryers**)

Both devices are ideally suited for an installation in existing systems. A pre-alarm and a main alarm are triggered by two switching contracts.

Alarm unit (buzzer and continuous red light) available.



### **Mobile Dew point meters FT-TP 460**

The ideal dew point meter for on-site service:

- **Complete set – „everything“ in one case**
- Fast and precise measuring of the dew point of **refrigeration- and adsorption dryers**
- Measuring range -80...50°C Dew point
- Additional measuring of relative humidity (%) and temperature (°C)
- Simply use the snap-on coupling, „click in“ the compressed air and measure.
- Accumulator operation up to 15 hours
- Optional: Data logging on PC

Technical data	FT-TP 506	FT-TP 556	FT-TP 460
Dew point	-20 to +50 °C	-80 to +20 °C	-80 to +50 °C
Pressure range	-1 to +16 bar standard	-1 to +16 bar standard	-1 to +50 bar standard
Power supply	230 VAC	230 VAC	internal rechargeable accumulators 4 x 1,5NiMh AAA
Accuracy	1 to 2 Ctd	1 to 2 Ctd (20 to -50 Ctd) 3 Ctd (-50 to -80 Ctd)	±0,5 Ctd (-10 to +50 Ctd ) typical ±2 Ctd at -40 Ctd
Output	4...20 mA	4...20 mA	SDI (Serial Digital Interface)
Protection class	IP 65	IP 65	IP 65
CE conformity to	DIN EN 61326	DIN EN 61326	DIN EN 61326
Operating temperature	-20 to +70 °C (ideal 0 to 50 °C)	-20 to +70 °C	-20 to +70 °C
Storage temperature	-40 to +80 °C	-40 to +80 °C	-40 to +80 °C
Load for analogue output	< 500 Ohm	< 500 Ohm	
Screw in thread	G 1/2 " stainless steel	G 1/2 " stainless steel	G 1/2 " stainless steel
Material of housing	ABS	ABS	Polycarbonate
Sensor protection	Sintered filter 50µm stainless steel	Sintered filter 50µm stainless steel	Sintered filter 50µm stainless steel

- Technical details to change without not ce -