

Humidity Measuring Instruments, Testo

Humidity/temperature meter test 635

The instrument for measuring air moisture, material equilibrium moisture and pressure dewpoint in compressed air systems.

Up to 3 temperature or humidity probes can be displayed; data transmission is radio-controlled, i.e. wireless. Measurement data can be transmitted by infrared to the Testo printer. It is also possible, during cyclical printing, to print measurement data once every minute, for example.

testo 635 immediately displays the dewpoint difference between ambient air and the wall surface when analysing moisture on walls and ceilings.

There are precision probes up to -60°C tpd available to inspect pressure dewpoint in compressed air systems. The humidity sensor developed by Testo has proven itself world-wide and has outstanding features in terms of precision, long-term stability, temperature resistance and robustness.

- Testo printer for documenting measurement data on site
- Cyclical printing of readings once a minute, for example
- Measures air moisture, material equilibrium moisture, pressure dewpoint
- Radio probes for temperature and humidity
- Protection class IP54

Technical data:

Probe type Type K (NiCr-Ni):

Meas. range: -200 to +1370°C
Accuracy: ±0.3°C (-60 to +60°C)
±0.5% v.Mw. (remaining range)
Resolution: 0.1°C

Probe type humid. sensor, cap.:

Meas. range: 0 to +100%RH
Accuracy: ±2%RH(+2 to+95%RH)
Resolution: 0.1%RH

Probe type absolute pressure probe:

Meas. range: 0 to 2000 hPa
Accuracy: ±5 hPa
Resolution: 0.1 hPa
Case: ABS/TPE/metal
Dimensions: 220 × 74 × 46 mm
Weight: 428 g
Battery type: alkaline-manganese, mignon, type AA
Battery life: 200 h
Operating temperature: -20 to +50°C
Storage temperature: -30 to +70°C
Warranty: 2 years



Article	Order No.
① testo 635-1 humidity-temperature measuring instrument incl. battery and calibration protocol	68 09 06351
② testo 635-2 humidity-temperature measuring instrument with measured value memory, PC software and USB data transmission cable, incl. battery and calibration protocol	68 09 36352

Temperature probes

Article	Order No.
Surface probe with resilient thermoelement strip, TE type K Reacts very quickly, also for non-flat surfaces, measuring range up to +500°C (short-term)	68 09 20393
Thin humidity probe with offset electronics, Ø 4 mm incl. 4 attachable teflon protection caps for material equilibrium humidity measurement	68 09 62135
③ Robust humidity probe for measurements up to +140°C Ø 12 mm, in e.g. exhaust ducts and for measuring equilibrium moisture in e.g. bulk material	68 09 62161
④ Humidity/temperature probe Ø 12 mm	68 09 69735
⑤ Pressure dewpoint probe for measurements in compressed air systems Absolute pressure sensor 2000 hPa in a robust metal case with jolt protection, incl. quick-action coupling (M8x0.5), magnet for fast fixing	68 09 69835 68 09 31835



Radio

Article	Order No.
Radio module for measuring instrument, 869.85 MHz	68 09 40188
Approval for the countries DE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR	
⑥ Radio handle for plug-on probe heads, incl. TE adapter	68 09 40189
Approval for the countries DE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR	
TE probe head for air/immersion/insertion measurements	68 09 20293
can be plugged on the radio handle	
TE probe head for surface measurement	68 09 20394
attachable to radio handle	
⑦ Humidity probe head, can be plugged on radio handle	68 09 69736

Accessories

Article	Order No.
Service case for measuring instrument, probe and accessories	68 09 60135
Testo protocol printer	68 09 40547
with wireless IRDA and infrared interface, 1 roll of thermal paper and 4 round cell batteries	
Spare thermal paper for printer (6 rolls)	68 09 40568
measurement data documentation with reading life of up to 10 years	
External charger	68 09 40610
incl. Ni-MH rechargeable batteries with built-in, international mains adapter 100 – 240 V, 300 mA, 50/60 Hz, 12 VA/instrument	
TopSafe	68 09 60183
indestructible case, incl. table stand, to protect the instrument against impact, dirt, etc.	
Accessories set	68 09 40550
for the instrument (excl. TopSafe) consisting of: fastening clip, carry-loop and probe holder	
Battery charger	81 09 40110
with 4 NC rechargeable batteries, for infrared printer	
Spare thermal paper	81 09 40569
6 rolls	
Stand-by case for measuring instrument and probe	68 09 60182
9 V rechargeable battery for testo measuring instruments	68 09 50025
Charger for 9 V rechargeable battery for external charging	68 09 40025
Transport case	81 09 60184
for testo 435/635 and accessories, safe storage of instrument, calibration set, probe and infrared printer	

