

Humidity and air temperature measuring instruments

Series 2600 - FT30, FT40, FT50 plus 2600 Single & Dual



Application

FT instruments are used by estate agents, facility management companies, surveyors, architects, construction companies, manufacturers of prefabricated houses, manufacturers of caravans and mobile homes, etc. 2600 Single & Dual by plumbers and heating & industrial engineers, etc.

Description

Digital display humidity and temperature measuring instruments with electronic sensor system.

The units are supplied by 9 V batteries (type E block 6 F 22 or IEC 6 LR 61). Various permanently connected sensor versions are available, depending on application requirements.

FT30 - sensor integrated in instrument housing

FT40 - sensor with flexible spiral cable

FT50 - sensor fitted to 30 cm long flexible probe

2600 - sensor options plug into instrument housing

The FT30 - FT50 instruments measure temperature and relative humidity.

2600 single or dual temperature from an external probe. The LCD display with automatic battery check displays the measured value in digital form. The keypad allows the user to select various functions. Key ON/OFF for switching the instrument on and off. Selector key °C/°F. Selector key for measured value T = temperature, Td = dew point, rH = relative humidity (%)

The selected measured value is indicated by an arrow symbol. Key HOLD = selector key for „measure“ or „hold“. Key MIN MAX = selector key for minimum, maximum or current measured value.

Technical specifications

Dimensions (without sensor)

W x H x D: 70 x 125 x 34 mm

Weight (with battery)

Approx. 210 to 250 g (depending on version)

Storage and transport temperature

-10 °C/50 °C

Battery life

Approx. 150 hours (zinc carbon battery) or approx. 270 hours (alkaline battery)

Sensor principle

Multiparameter SingleChipSensor

Humidity

Measuring range

0 % rF/100 % rF

Accuracy of measurement

(10-90 % rF)
±2 % rF ±1 digit, otherwise max.
±4 % rF

Resolution

0.1 % rF

Repeatability

±0.2 % rF

Response time (T63)

≤ 5 seconds in slightly moving air

Temperature measuring range

-40 °C/80 °C

Accuracy of measurement (0-40 °C)

±0.5 °C ±1 digit, otherwise
max. ±1.5 °C

Dew point (calculated)

Measuring range

-40 °C/120 °C

Resolution

0.1 °C

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