

## HYGROMETER / THERMOMETER

### DTH10



#### TEMPERATURE AND HUMIDITY READINGS IN A CONVENIENT PEN-STYLE CASE

The DTH10 has an excellent combination of features, conveniently packaged and easy to use.

- Fast accurate sensor
- Auto power off
- MIN / MAX / HOLD
- Large display

Humidity Range	5 – 95% RH (Acc. ± 5% at 25°C)
Sensor	Electronic capacitance polymer film sensor
Temperature	-10°C to 50°C (Acc. ±1°C)
Dimensions	175 x 42 x 16 mm
Power supply	Lithium battery

### DTH31



#### NEW POCKET-SIZED DESIGN - MONITORS THREE PARAMETERS SIMULTANEOUSLY

The DTH31 Digital Psychrometer is an advanced handheld humidity and temperature meter. Its triple display shows three parameter readings simultaneously. It has everything you need to charge an air-conditioning system and determine heating, cooling, and ventilation needs. It gives you incredibly fast and accurate wet bulb, dry bulb and dew point measurements.

- Ambient temperature T1
- Protective sensor cap
- Dew Point
- Wet Bulb
- MIN / MAX / HOLD
- Low battery indicator
- Auto power off
- Optional external temperature probe T2: T1-T2; T2-dew point

Humidity Range	0 – 100% RH (Acc. ± 3% at 25°C)
Temperature	-20 to 50°C (Acc. ± 0.6°C)
Dew Point	-68 to 49.9°C
Wet Bulb	-21.6 to 49.9°C
External temperature	-20 to 70°C
Response time	typ. 60 seconds
Power supply	2 x AAA batteries

### DTH51



#### IR THERMOMETER / PSYCHROMETER – QUICK ACCESS TO THE INFORMATION YOU NEED

The DTH51 gives you quick access to the information you need when installing or maintaining heating and cooling systems. Manufacturers of some of the newer "high-efficiency" cooling systems require you to charge them based on wet bulb and dry bulb specifications. The DTH51 offers you the fastest method to date of taking these measurements. It combines the speed and convenience of an infrared thermometer with the accuracy and reliability of a digital psychrometer and ambient temperature meter in one product. Its sensors are retractable to protect them when they are not in use.

- Large backlit triple LCD display
- Adjustable emissivity
- Distance to spot ratio 8:1
- Ambient air temperature sensor
- Retractable sensor
- Fast responding humidity sensor
- Wet Bulb
- Dew Point
- Low battery indication
- Auto power off

Humidity range	0 – 100% RH (Acc. ± 3% at 25°C)
Ambient temperature	-20 to 50°C (Acc. ± 0.6°C)
Dew Point	-68 to 49.9°C
Wet Bulb	-21.6 to 49.9°C
IR temperature	-40 to 500°C (Acc. ± 3%)
Dimensions	175 x 50 x 70 mm
Power supply	4 x AAA batteries

### MM100



#### MOISTURE METER - MEASURE MOISTURE LEVEL ACCURATELY

The MM100 is used to measure the moisture level in wood, cardboard and paper as well as in hardened material such as plaster, concrete and mortar. The protective cap includes a test circuit to verify measurement function and battery level.

- Replaceable electrodes
- Built-in belt clip
- Ruggedized design
- Auto power off
- Battery check test

Range – Wood	6 – 44 % ( Acc. ±1%)
Range – Material	0.2 – 2.0 % (Acc. ± 0.05 %)
Dimensions	139 x 47 x 25 mm
Power supply	Lithium batteries