

Hygrothermometer for Humidity and Temperature Measurement

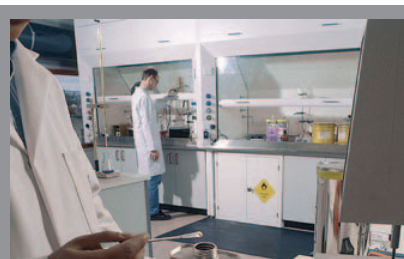
TFH 610



Technical Data

Type	TFH 610
Measuring range humidity	0% rH ... 100% rH
Measuring range temperature	0°C ... +50°C C (32°F ... 122°F)
Accuracy humidity	±2.5% rH (from 10% ... 90%)
Accuracy temperature	±0.5°C (±0.9°F)
Resolution humidity	0.1%
Resolution temperature	0.1°C (0.2°F)
Operating temperature	0°C ... +50°C (32°F ... 122°F)
Storage temperature	-25°C ... +60°C (-13°F ... 140°F)
Protection class	IP 40
Dimensions	115 x 54 x 22 mm
Housing	ABS
Weight	approx. 90 g
Display	LCD
Sensor humidity	capacitive
Sensor temperature	thermistor
Sensor position	internal
Probe connection	fixed connection
Number of measuring channels	2
Battery	lithium button cells, 3.0 Volt, 1000 mAh
Battery lifetime	up to 5 years
Measuring rate	1s - 15s

TFH 610



Applications

- | | | |
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| <ul style="list-style-type: none"> • Production • Storage | <ul style="list-style-type: none"> • Computer rooms • Environmental control | <ul style="list-style-type: none"> • Laboratory |
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Attributes

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|--|---|---|
| <ul style="list-style-type: none"> • Robust and impact resistant • High accuracy | <ul style="list-style-type: none"> • Factory calibration certificate • Switchable between °C/°F | <ul style="list-style-type: none"> • Battery charge indicator • Automatic deactivation • Factory calibration certificate |
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Description	Type	Part No.
Hygrometer (incl. probe)	TFH 610	1340-5610