Hygro-i 2 IN-SITU RELATIVE HUMIDITY PROBE

TRAMEX
Innovation in moisture detection

The Tramex Hygro-i2 ® relative humidity probe is the most advanced, resilient and reusable RH probe on the market today, allowing the user to perform in situ and hood type RH testing to comply with BS 8201, 8203, 5325 and ASTM F2170 for the flooring industry, and is ideal foruse by Flood & Water Damage Restoration and Indoor Air Quality professionals. The speed and accuracy of the Tramex Hygro-i2® probes set them apart from all other RH probes on the market. The confidence in knowing you are testing with the best and fastest RH probe, together with the complete Tramex concrete moisture testing system, brings reliability and peace of mind to a whole new level.

MEETING THE STANDARDS

For the evaluation of moisture conditions of concrete and other floor slabs, and ambient air conditions, by relative humidity measurement as perBS 8201, 8203, 5325 and ASTM F2170.

The Hygro-i2® probe is available in packs of:

Number of probes	Product code
1	HIPP1
3	HIPP3
6	HIPP6
12	HIPP12
25	HIPP25
50	HIPP50
100	HIPP100

FEATURES

- Fast acclimation time.
- Reusable Hygro-i2® Relative Humidity sensors prove to be the lowest cost per BS 8201, 8203, 5325 and ASTM F2170 test.
- Best in class accuracy, even at high RH >90%.
- Proven robustness, durability and reliability.
- Accurate, durable and best in class.
- Testing per BS 8201, 8203, 5325 and ASTM F2170, giving in situ relative humidity and ambient RH, temperature, dew point temperature & grains per pound.
- Relative Humidity range: 0% to 100%
- Fastest Temperature response time
- Best temperature accuracy of +/-2° over 0°C to 90 °C (32°F to 194°F)
- Temperature Range: -40°C to 80°C (-40°F to 176°F)

BS 8201, 8203, 5325 and ASTM 2170 COMPLIANT

PRODUCT DESIGN

Used in conjunction with the Tramex CMEX II or the Tramex MRH III non-destructive moisture meters, the Hygro-i2 ® probe provides measurements of relative humidity, temperature, dew point and grains per pound in structural materials such as concrete flooring and walls, as well as the ambient conditions within the building envelope, all shown simultaneously on one clear display.

The Hygro-i2 ® probes are reusable, paying for themselves after a few uses compared to single-use, disposable RH probes. Calibration checks can be carried out using the calibration check salts.

INSTRUMENTS

The Hygro-i2 ® probe is used with the Feedback DataLogger DL-RHTX, CMEX II or the MRH III for relative humidity testing of flooring slabs and ambient conditions.

Product code: DL-RHTX

Product code: CMEX2

Product code: MRHIII

TESTS

The Hygro-i2 ® probe is used to carry out in situ RH tests (ASTM F2170) and hood RH tests (British Standards 8201, 8203)

SPECIFICATIONS Hygro-i2 ® probe

RELATIVE HUMIDITY SENSOR SPECIFICATIONS:

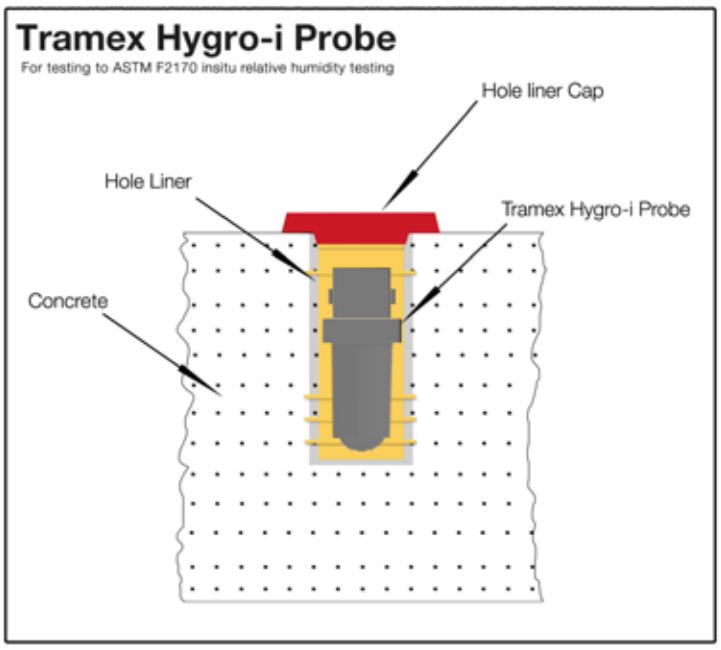
Range:	0 to 100%RH
Accuracy:	0% to 99%RH ±2.0%RH (@ 25°C (77°F))
Resolution:	0.1% over the complete range
Drift:	<0.25%RH per year

TEMPERATURE SENSOR SPECIFICATIONS:

Range:	-40°C to 125°C (-40°F to 257°F)
Accuracy:	±0.1 °C Range 20°C to 60°C (±0.1°F Range 68°F to 140°F)
Sensor Protection:	PTFE Film protects sensor opening from water & dust
Drift:	<0.03°C (0.04°F) per year

NIST traceable. (National Institute of Standards and Technology)

HOW IT WORKS



KITS

The Hygro-i2 ® Probe is an integral part of the following kits:

- Feedback Data Logging Kits
- Concrete Inspection Kits
- Flooring Inspection Kits
- Roof Inspection Kits
- Water Damage Restoration Kits
- Indoor Air Quality Kits

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