

IN-SITU RELATIVE HUMIDITY PROBE

Hygro-i 2



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 BS8201, 8203, 5325 and ASTM F2170 for the flooring industry, and is ideal for use 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.



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

Number of probes	Product code
1	HIPP1
3	HIPP3
6	HIPP6
12	HIPP12
25	HIPP25

FEATURES

- Fast Acclimation and Temperature response 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.
- Relative Humidity range: 0% to 100%
- 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)



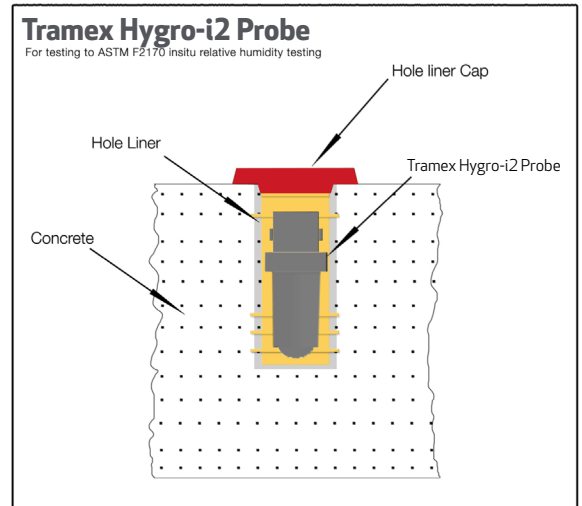
IN SITU
RH, T, DP, g/kg



HOW IT WORKS

Used in conjunction with the Tramex CMEX5, 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 CMEX5, Feedback DataLogger DL-RHTX, CMEX II or the MRH III for relative humidity testing of flooring slabs and ambient conditions. The Hygro-i2[®] probe is used to carry out in situ RH tests (ASTM F2170) and hood RH tests (British Standards 8201, 8203).



SPECIFICATIONS

RELATIVE HUMIDITY SENSOR SPECIFICATIONS:

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

NIST traceable. (National Institute of Standards and Technology)

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

