

FEEDBACK DATALOGGER STARTER KIT



The Tramex Feedback DataLogger and App have been designed and developed by Tramex for professionals who depend on accurate, reliable readings using the very best, state of the art technology and performing ASTM F2170. The Feedback DataLogger and App log up to 100,000 data point entries for relative humidity, temperature, dew point and grains per pound, transmitted wirelessly via Bluetooth BLE technology to your mobile device. On the App you can visualise Live Readings, Thermal Conditions and Psychrometric Charts, as well as creating and exporting spreadsheets, charts and reports. The Tramex Feedback DataLogger requires the Tramex Feedback Data Logger App and a compatible iOS or Android mobile device.



FOR iOS & ANDROID DEVICES (PHONE NOT INCLUDED WITH KIT)



KIT CONTENTS

1. Feedback Datalogger DL-RHTX.
2. App available for Android and iOS (phone not included).
3. Hygro-i2[®] Relative Humidity probe.
4. Electronic Interface Cable.
5. Tripod and Wall mounting included.

Product Code: FBSK5.1



AMBIENT
RH, T, DP, gr/lb



IN SITU
RH, T, DP, gr/lb



ASTM
F2170



ACCOMPANYING
APP

SPECIFICATIONS

FEEDBACK DATALOGGER - SPECIFICATIONS & MEASURING RANGE



The Feedback DataLogger and App log up to 100,000 data point entries for relative humidity, temperature, dew point and grains per pound, transmitted wirelessly via Bluetooth BLE technology to your mobile device. Used to perform ASTM F2170 with the Tramex Hygro-2 probe.

| | | | |
|---------------|---|---------------------|---|
| Size: | 3.94" x 3.54" x 1.38" (100mm x 90mm x 35mm) | Memory: | 100,000 data point entries (samples of Ambient RH and temperature; Surface Temperature) |
| Weight: | 3.53oz (100g) | Logging Rate: | Logger interval adjustable between 5 minutes and 1 hour |
| Construction: | ABS enclosure | Transmission Range: | Up to 165ft (50m) line-of-sight |
| Power: | 1 x AA type battery 1.5 Volt | Bluetooth: | BLE Bluetooth Low Energy 4.2 compliant, Bluetooth 5 advertising |
| Included: | Wall Mounting and Tripod Stand | | |

RELATIVE HUMIDITY SENSOR SPECIFICATIONS

| | |
|-------------|---|
| Range: | 0 to 100%RH |
| Accuracy: | ±1.5%RH Range 0% to 80%RH ±2.0%RH Range 80% to 99%RH (@ 77°F (25°C)) |
| Resolution: | 0.1% over the complete range |
| Drift: | <0.25%RH per year |

TEMPERATURE SENSOR SPECIFICATIONS:

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

Free App Available for Mobile and Tablet:



KIT SPECIFICATIONS

| | | | |
|--------|---|---------|---------------|
| Size: | 7.1" x 4.3" x 2" (180mm x 110mm x 50mm) | Weight: | 10.5oz (300g) |
| Power: | 1 x AA type battery 1.5 Volt | | |

