

# FLOORING TECH KIT



A compact kit for instant and precise moisture testing of concrete floors and ambient conditions is the ideal non destructive test kit for monitoring the most crucial information at the time of install. The Tramex CME5 moisture meter allows for non-destructive quantitative testing of concrete and comparative testing per ASTM F2659. The Ambient Feedback Datalogger is used for testing, monitoring and time logging relative humidity, temperature and dew point in the environment. The Contact Temperature Probe provides temperature readings of the floor surface. The Flooring Tech Kit comes with an extension handle in a Tramex Easy-travel case. The Tramex Meters App allows you to GeoTag test results, create, save and share reports and charts, as well as see your meter screen on your phone when extending to hard to reach places.



Product Code: FTK

**TRAMEX METERS APP**  
FOR iOS & ANDROID DEVICES (PHONE NOT INCLUDED WITH KIT)

## KIT CONTENTS

1. Concrete Moisture Encounter - CME5.
2. Ambient Feedback Datalogger - DL-RHTX.
3. App available for Android and iOS (phone not included)
4. Contact Temperature Probe.
5. Extension Handle.



NON-DESTRUCTIVE



0-6%

CONCRETE %MC  
READING RANGE



0-1.9

CM EQUIV ANHYDRITE  
READING RANGE



0-4

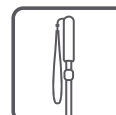
CM EQUIV CONCRETE  
READING RANGE



ACCOMPANYING  
APP



AMBIENT  
RH, T, DP, g/kg



EXTENSION HANDLE



ASTM  
F2659

# SPECIFICATIONS

## CONCRETE MOISTURE ENCOUNTER - CME5 - SPECIFICATIONS & MEASURING RANGE



The Tramex Concrete Moisture Encounter 5 (CME5) is a non-destructive analogue moisture meter for concrete floors and slabs providing instant and precise quantitative measurement of moisture content using Gravimetric testing as a baseline. The CME5 also provides Carbide Method equivalent readings for concrete and other cementitious substrates as well as comparative readings as per ASTM F2659.

Size:	160mm x 85mm x 38mm (6.3" x 3.5" x 1.5")	Moisture Content for Concrete	0 → 6%
Weight:	344g (12.1oz)	Carbide Method moisture content equivalent for Anhydrite	0 → 1.9
Construction:	ABS Body	Carbide Method moisture content equivalent for Concrete	0 → 4
Power:	2 x AALR6 ALKALINE (included)		
Display:	Analogue		
Depth of penetration:	approx. 20 mm (3/4")		

## 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-i2 probe.

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

### 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 (@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

Free App Available for Mobile and Tablet:



# SPECIFICATIONS

## CONTACT TEMPERATURE PROBE MEASURING RANGE



The CTP Contact Temperature Probe is a plug-in accessory probe used with the FeedBack DataLoggers to measure and log surface temperature over time. Used alongside the Humidity sensor functions in the DataLogger, dew point circumstances can be easily identified.

Units:	°C (°F)	Temperature Range:	-30°C to +80°C ( -20°F to +175°F)
Accuracy:	±0.5°C from -10°C to +85°C (±0.9°F from 14°F to 185°F)	Resolution:	0.1% over the complete range

## KIT SPECIFICATIONS

Size:	33.5cm x 24cm x 8cm (13.2" x 9.5" x 3.2")	Weight:	1.3kg (2.8 lbs)
Power:	3 x AA batteries		

