

FLOORING ASSESSMENT KIT



The Tramex Flooring Assessment Kit FAK is a compact kit for instant and precise moisture testing of concrete and wood flooring. The Tramex Concrete Moisture Encounter CMEX5 digital moisture meter allows for non-destructive quantitative testing of the moisture content of the top inch of concrete slabs and comparative testing per ASTM F2659. The Tramex heavy-duty wood pin-probe measures the moisture content of wood. An infrared surface thermometer gives surface temperature and dew point conditions used in conjunction with the CMEX5 hygrometer for a Quick Check procedure at the time of install. The Tramex Moisture Encounter ME5 allows for non-destructive moisture testing of wood and includes a shallow-depth feature to eliminate the effect of the substrate when needed. The Flooring Assessment Kit FAK comes with calibration check plates for both moisture meters and an extension handle in a heavy duty Tramex travel case. The Tramex Meters App connects by Bluetooth to the meters and 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: FAK

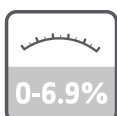


KIT CONTENTS

1. Concrete Moisture Encounter CMEX5.
2. Moisture Encounter ME5.
3. App available for Android and iOS (phone not included).
4. Infrared Thermometer.
5. Heavy-duty Pin-type Wood Probe.
6. Calibration Check Plate for CMEX5.
7. Calibration Check Box for ME5.
8. Extension Handle.



NON-DESTRUCTIVE



CONCRETE %MC
READING RANGE



GYPSUM REFERENCE
READING RANGE



CM EQUIV CONCRETE
READING RANGE



CM EQUIV ANHYDRITE
READING RANGE



WOOD %MC
READING RANGE



AMBIENT
RH, T, DP, gr/lb



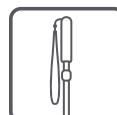
DUAL DEPTH



COMPARATIVE
READING RANGE



ACCOMPANYING
APP



EXTENSION HANDLE



ASTM
F2659

SPECIFICATIONS

CONCRETE MOISTURE ENCOUNTER X5 - SPECIFICATIONS & MEASURING RANGE



The Tramex Concrete Moisture Encounter X5 is a non-destructive digital multi moisture meter for concrete floors and slabs providing instant and precise quantitative measurement of moisture content using Gravimetric testing as a baseline. The CMEX5 also provides Carbide Method equivalent readings for concrete and other cementitious substrates as well as comparative readings as per ASTM F2659. Incorporating plug-in ports for the optional Hygro-i2® relative humidity probe testing per ASTM F2170 and heavy-duty pin-type wood probes, this moisture meter transforms into the ideal all-in-one instrument for the flooring professional.

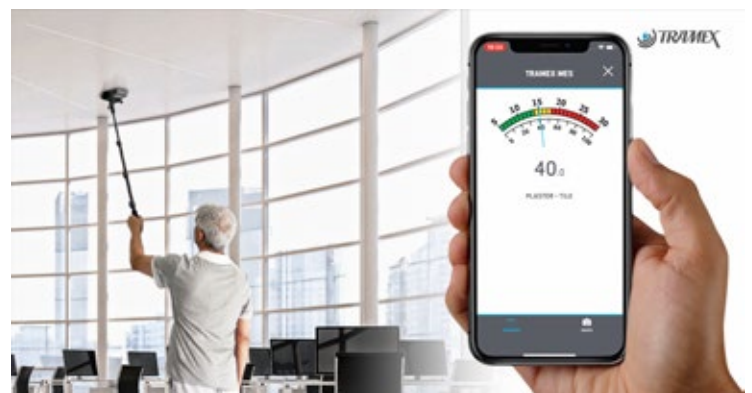
Size:	7.1" x 3.4" x 1.6" (180mm x 85mm x 40mm)	Moisture content for Concrete:	0 → 6.9 %
Weight:	12.59oz (357g)	Comparative for Gypsum floor screed:	0 → 12
Construction:	ABS Body	CM Equiv Anhydrite/Concrete:	0 → 2.7 / 0 → 4.3
Power:	2 x AALR6 ALKALINE (included)	Reference scale:	0 → 100
Display:	Digital	Relative Humidity	0 → 99%
Depth of penetration in concrete:	approx. ¾" (20mm)	(with Hygro-i2® probe):	
		Humidity accuracy: 0% to 99%RH +/- 2% @ 25°C/77°F	
		Moisture content for wood	
		(with wood pin probes):	5 → 30 %

MOISTURE ENCOUNTER 5 - SPECIFICATIONS & MEASURING RANGE



The Tramex Moisture Encounter 5 is a Dual-Depth, non-destructive moisture meter for instant moisture measurement and evaluation. Deep Depth penetration up to 1.25" (30mm) & Shallow Depth penetration up to 0.40" (10mm) 5 Ranges of sensitivity: Wood & Timber / Shallow Depth / Drywall & Roofing / Plaster & Tile / Masonry, making the Moisture Encounter ideal for testing in and through a wide range of materials in the building envelope.

Size:	6.3" x 3.5" x 1.5" (160mm x 85mm x 38mm)	Wood Moisture Content:	5 to 30%
Weight:	9.5oz (270g)	Reference scale for building materials:	0 to 100
Construction:	ABS Body	Depth of penetration:	
Power:	2 x AALR6 ALKALINE (included)	Shallow signal:	up to 0.40" (10mm)
Display:	Analog	Deep signal:	up to 1.25" (30mm)



SPECIFICATIONS

INFRARED THERMOMETER - IRT2 - SPECIFICATIONS & MEASURING RANGE



The IRT2 is a handheld, dual laser, non-contact Infrared Thermometer with 12:1 distance to spot ratio and audible and visible high/low set point alarms. It is used to measure and display surface temperatures within the range of -58°F to 1202° (-50°C to 650°C) and has an accuracy of approximately 1 to 1.5% (see Specifications for details). The IRT2 has a fast response time (0.15 sec) and is powered with a 9V battery and complies with Class II UK/EU laser safety standard EN60285.

Temperature range:	-58°F ~ 1202°F (-50 to 650 °C)
Distance to Spot ratio:	D:S = 12:1
Accuracy for targets assuming ambient operating temperature of 73 to 77°F (23 to 25 °C):	
	-58°F ~ 68°F (-50 ~ 20°C) ±4.5°F(2.5°C)
	68°F ~572°F (20°C ~300°C) ±1.0% ±1.8°F (1.0°C)
	572°F ~ 1202°F (300°C ~ 650°C) ±1.5%
Emissivity:	Digitally adjustable from 0.10 to 1.0
Power supply:	9V battery, NEDA 1604A or IEC 6LR61, or equivalent.

KIT SPECIFICATIONS

Size:	16.5" x 14.2" x 5.5" (42cm x 36cm x 14cm)	Weight:	9.5lbs (4.3kg)
Power:	4 x AA batteries, 1 x 9 volt PP3 battery		

