

FLOORING INSTALLATION QUICK CHECK PLUS KIT



The Tramex IQCPK is a compact kit for instant, non-destructive, quantitative moisture content testing of concrete floors and ambient dew-point conditions at the time of installation. Even if pre-installation tests have been performed, checking the %MC and ambient dew-point conditions at the time of installation is crucial to ensure successful installation. The Tramex CMEX5 digital moisture meter allows for non-destructive quantitative testing of concrete moisture content using Gravimetric testing as a baseline. The CMEX5 has a built-in hygrometer providing ambient relative humidity, temperature and dew-point measurements. The Infrared Thermometer provides surface temperature readings for comparison with the dew-point conditions to avoid condensation-related issues at the time of installation and floor failures. The Tramex Flooring Installation Quick Check Plus Kit comes in a Tramex Easy-travel case.



Product Code: IQCPK



KIT CONTENTS

1. Concrete Moisture Encounter X5 - CMEX5.
2. App available for Android and iOS (phone not included).
3. Infrared Thermometer



NON-DESTRUCTIVE



CONCRETE %MC
READING RANGE



GYPSUM REFERENCE
READING RANGE



CM EQUIV CONCRETE
READING RANGE



CM EQUIV ANHYDRITE
READING RANGE



AMBIENT
RH, T, DP, g/kg



ACCOMPANYING
APP



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:	180mm x 85mm x 40mm (7.1" x 3.4" x 1.6")	Moisture content for Concrete:	0 → 6.9 %
Weight:	357g (12.59oz)	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. 20mm (¾")	(with optional Hygro-i2® probe):	
		Humidity accuracy: 0% to 99%RH +/- 2% @ 25°C/77°F	
		Moisture content for wood	
		(with optional wood pin probes):	5 → 30 %

Free App Available for Mobile and Tablet:



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

SPECIFICATIONS

KIT SPECIFICATIONS

Size: 35cm x 23cm x 90cm (13.8" x 9.1" x 3.5")

Weight:

1.3kg (2.8lbs)

Power: 2 x AA batteries, 1 x 9 volt PP3 battery

