

# FLOORING INSTALLATION QUICK CHECK KIT

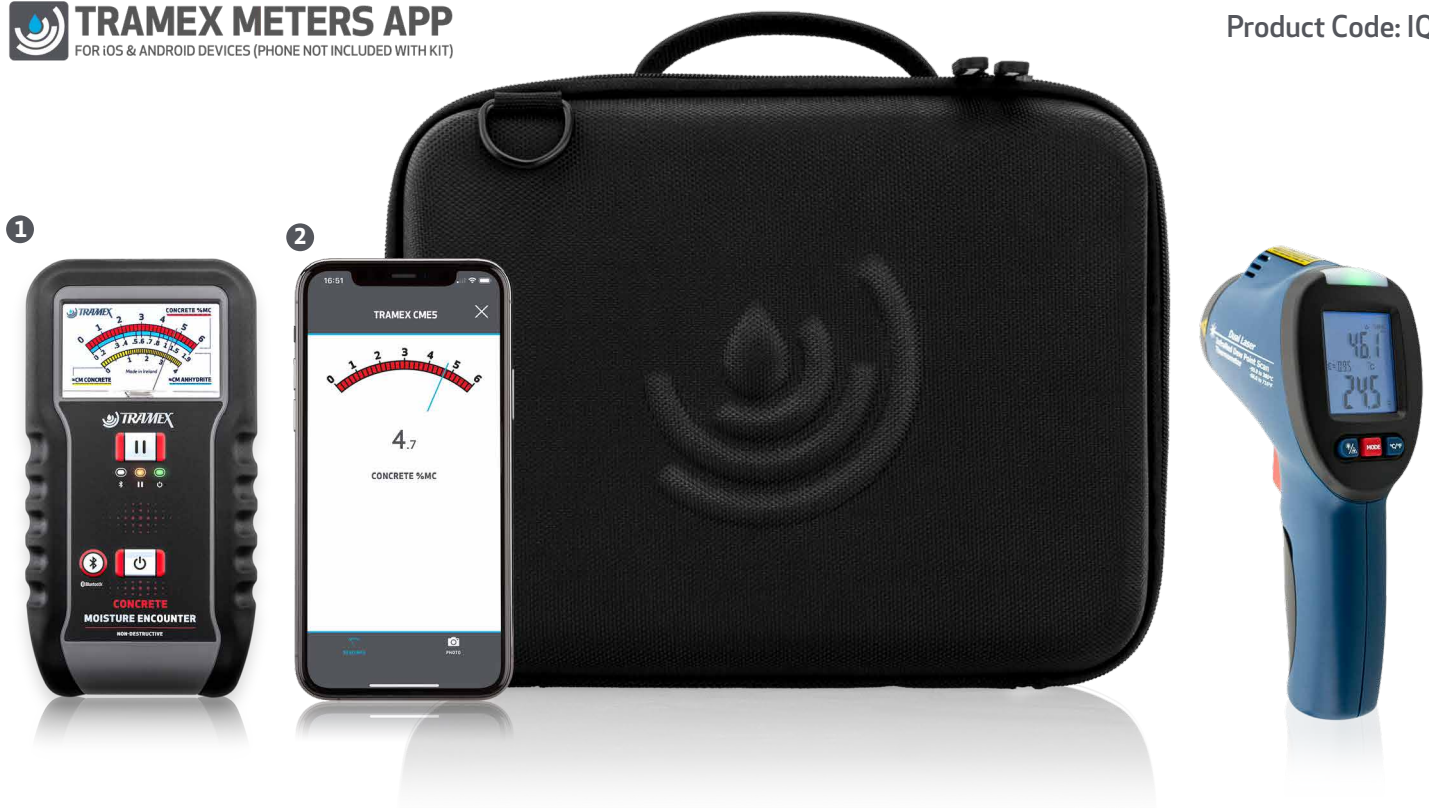


The Tramex IQCK is a compact kit for instant, non-destructive, quantitative moisture content testing of concrete floors and ambient dew-point conditions at the time of installation. Even if pre-installation tests have been performed, checking the %MC and ambient dew-point conditions at the time of installation is crucial to ensure successful installation. The Tramex CME5 moisture meter allows for non-destructive quantitative testing of concrete moisture content using Gravimetric testing as a baseline. The Infrared Thermometer and Dew Point Detector provides surface temperature readings and ambient temperature and dew point conditions to avoid condensation-related issues at the time of installation and floor failures. The Tramex Flooring Installation Quick Check Kit comes in a Tramex Easy-travel case.



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

Product Code: IQCK



## KIT CONTENTS

1. Concrete Moisture Encounter - CME5.
2. App available for Android and iOS (phone not included).
3. Infrared Thermometer and Dew Point detector



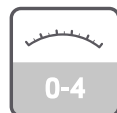
NON-DESTRUCTIVE



CONCRETE %MC  
READING RANGE



CM EQUIV ANHYDRITE  
READING RANGE



CM EQUIV CONCRETE  
READING RANGE



ACCOMPANYING  
APP



AMBIENT  
RH, T, DP, g/kg



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 (¾")		

Free App Available for Mobile and Tablet:



## INFRARED THERMOMETER AND DEW POINT DETECTOR - IRT2DP - SPECIFICATIONS & MEASURING RANGE



The IRT2DP is a handheld dual laser, non-contact Infrared Thermometer and Dew Point detector with tricolor light (and audible) indication as reading goes close to dew point temperature. It is used to measure and display ambient and surface temperature, relative humidity & dew point temperature.

Temperature Range:	50°C to 380°C (-58°F to 716°F)
Display resolution:	0.1
Emissivity:	Fixed at 0.95
Temperature accuracy:	-50° to 20°C / -58° to 32°F: +/- 3.5°C 20° to 380 °C / 32° to 716°F: +/-1.5°C
Wavelength range:	8 - 14um
Humidity Range:	0 - 100% RH
Humidity accuracy:	+/-3.5% (20% to 80%)
Dew point temperature:	(-30 to 100)°C / (-22 to 212)°F
D:S:	20:1
Operating temp:	0 to 50°C (32 to 122°F)
Storage temp:	-10 to 60°C (-4 to 140°F)
Relative humidity:	10%-90%RH operating, <80%RH storage
Power Supply:	9V battery, NEDA 1604A or IEC 6LR61, or equivalent.

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## KIT SPECIFICATIONS

Size: 33.5cm x 24cm x 8cm ( 13.2" x 9.5" x 3.2")

Weight:

1.3kg (2.8lbs)

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

