

CORROVENTA MASTER KIT CDE

The Master Kit CDE allows the user to perform moisture and relative humidity testing and measuring of various structures and building materials. This kit includes the innovative digital moisture meters MEX5 and CMEX5 which via Bluetooth can transfer readings to the Tramex Meters App. The 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. The Master Kit CDE also contains a Bluetooth Anemometer and flat node electrodes, which is ideal for precise moisture readings in layered constructions. The Master Kit CDE comes in a heavy-duty carrying case with die-cut foam lining.



- 1 Digital Moisture Encounter MEX5 – For more information, see next page.
- 2 Concrete Moisture Encounter CMEX5 – For more information, see next page.
- 3 Tramex App - Available for Android & iOS. Enables to create visual moister maps and reports.
- 4 Heavy Duty Pin type probe – for WME measurements in materials like wood.
- 5 200 mm insulted pins - for WME measurements in-depth in materials like wood.
- 6 260 (10") Narrow Wand RH Probe – ideal for taking RH, Temperature, Dew Point-Readings in small or narrow crevices
- 7 1xhygro-i2 RH Probe - Advanced, resilient and reusable. Allowing in-situ and hood type RH testing.
- 8 Hole Liners - for use with Tramex Hygro-i2® relative humidity probes.
- 9 Calibration Check Salts – Allowing regular Calibration of Hygro-i2® probes. Designed to produce a 75% RH environment within the chamber.
- 10 Extension Handle – Ergonomic accessory for MEX5 and CMEX5 measuring in out of reach, high places, or floor readings. Reduces the need for crouching or kneeling.
- 11 Insulated Flat node electrodes - Ideal for WME readings in narrow spaces.
- 12 TBA Bluetooth Anemometer – Enables App-reading of air velocity between 0,2 - 20 m/s.

KIT SPECIFICATIONS

Kit description	Master Kit CDE
Size	520 x 480 x 150 mm
Weight	4.9 kg
Power	5 x AA bateries
Article number	4101116

MOISTURE ENCOUNTER MEX5

The digital Moisture Encounter MEX5 is a Dual-Depth, non-destructive moisture meter for wood and various building materials such as drywall, roofing, plaster, brick, tiles and masonry.



The Moisture Encounter MEX5 has a built-in hygrometer for ambient conditions and psychrometric values, an Infrared Surface Thermometer and also incorporates external in-situ RH probes for in-situ equilibrium RH readings, as well as Pin probes for wood, drywall, and WME readings. Moisture test results can be visualized and Geotagged with the Tramex Meters App and turned into moisture maps, reports and charts for sharing.

TECHNICAL DATA

Size	180 x 85 x 40 mm
Weight	290 g
Construction	ABS Body
Power	2 x AA LR6 ALKALINE (included)
Display	58 x 35mm
Depth of penetration	Shallow signal: up to 9 mm
Deep signal	Up to 30 mm
Wood Moisture Content (NDT)	0-30%
MC Wood Moisture Content (Pin)	6-50%
MC Drywall Moisture Content (Pin)	0-8.5%
MC Reference scales for building materials	0-100
Relative Humidity	0-99%
Humidity Accuracy	0-99%RH +/- 2% @ 25°C / 77°F

CONCRETE MOISTURE ENCOUNTER CMEX5

The Tramex Concrete Moisture Encounter CMEX5 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. Moisture test results can be visualized and Geotagged with the Tramex Meters App and turned into moisture maps, reports and charts for sharing.

TECHNICAL DATA

Size	180 x 85 x 40 mm
Weight	357 g
Construction	ABS Body
Power	2 x AA LR6 ALKALINE (included)
Display	58 x 35 mm
Depth of penetration in concrete	Approx. 20 mm
Moisture content for Concrete	0-6.9%
Comparative for Gypsum floor screed	0-12
CM Equiv Anhydrite/Concrete	0-2.7 / 0-3
Reference scale	0-100
Relative Humidity	0-99% (with Hygro-i2® probe)
Humidity accuracy	0-99% RH +/- 2% @ 25°C/77°F
Moisture content for wood (with wood pin probes)	5-30%



CORROVENTA LTD

Unit 29, Irlam Business Centre, Irlam, Manchester England,
M44 6GP • Tel +44(0) 161-2449523