

# elka



Introducing our **New TRAMEX Concrete Encounter CME4**  
For measuring moisture content ... instantly ... in concrete  
floors and floor screeds without the need to drill or  
damage the surface.

## SCREEDS AND CONCRETE FLOORS MUST BE DRY BEFORE THE FLOOR COVERING IS INSTALLED

- It is the installer / owners responsibility to ensure that the subfloor moisture content is below 3% for solid wood and 4% for engineered flooring. Failure to do this will inevitably result in problems occurring.
- Regular checking of moisture content during the drying out period of a new concrete floor or floor screed is important to ensure it has reached sufficient dryness to accept the floor covering.
- Excess moisture in the concrete will cause latent problems such as excessive expansion and cupping of the timber or failure of the adhesive under the floor covering.
- The Concrete Encounter CME 4 will give you an instant reading of moisture content to over 6% for Concrete and 0 to 10 comparative for Gypsum floor screeds enabling you to make an informed decision on when to install the floor covering.
- To use, simply switch on and press down the instrument firmly against the surface. Carry out unlimited non-destructive tests in seconds without the need to drill or damage the concrete.

## HOW IT WORKS



*Signals are transmitted into the Concrete*

Co-planer electrodes on the base of the Concrete Encounter CME 4 transmit parallel low frequency signals calibrated to give average moisture content by comparing the change in impedance between damp and acceptably dry concrete.

## SPECIFICATIONS

- Size: 150mm x 85 mm x 38 mm
- Weight: 298 g (10.5oz)
- Construction: ABS Body
- Power: 9 volt PP3 Battery
- Display: Analog

### Measuring Range:

To over 6% moisture content for Concrete.  
0 to 10 comparative for Gypsum floor screed.  
0 to 100 Reference scale.

## DESIGNED FOR THE FLOORING INDUSTRY

*Tramex* has been designing, manufacturing and marketing worldwide, non destructive moisture meters for more than 30 years. You can, therefore, purchase with confidence assured, that you are getting the latest, most practical and useful, moisture measurement instrument available to the flooring industry. Recommended by many leading manufacturers of floor covering materials and flooring adhesives.

## WARRANTY

The Concrete Encounter CME 4 carries a full parts and labour warranty for a period of one year from the date of first purchase. In addition the purchaser is entitled to a full refund if the instrument does not give full satisfaction and is returned in original condition within 30 days of purchase.

## Features:

- Instant Readings
- Non-destructive in operation
- No need to probe or drill or mechanically damage the surface
- Reproducible results
- Battery Operated
- Pocket Sized
- Clear, easy to read analogue dial
- Strong, robust, electrodes and body
- Reading Hold function



## Product Design:

The Concrete Encounter CME 4 is a hand-held electronic moisture meter operating on **the principle of non-destructive impedance measurement**. Parallel co-planer electrodes are mounted on the base which during operation transmits low-frequency signals into the concrete floor screed to a depth of approx. **12.5mm (.5 inch)**. While concrete under normal conditions can never be completely dry, the instrument has been calibrated on acceptably dry material. In operation it compares the change in impedance caused by the presence of dampness and displays this on a clear, easy to read analogue dial.

## Operating Procedure:

To carry out moisture tests simply brush any dust from a smooth area of concrete and also from electrodes, switch on the Concrete Encounter CME 4 and place firmly onto the surface, fully compressing the spring loaded signal enhancing contacts on the base. Read the moisture content from the clear analogue dial.

The CME 4 is calibrated to give percentage moisture content readings on a clean, bare dust free concrete floor slab. Thus, readings taken on concrete slabs through paint, coatings, adhesives or other materials on the surface should be regarded as qualitative or comparative and not quantitative.

## DON'T TAKE RISKS WITH EXCESS MOISTURE!!

### Moisture test before you install a floor covering

Excess moisture in concrete substrate can cause costly problems for the installer. Avoid the risk of having these problems and floor failures by testing for excess moisture before installing a floor. Test the fast, easy, clean and non-destructive way with

**CONCRETE ENCOUNTER CME 4**  
*There's absolutely no surface damage and no waiting!*



### Tramex CME4

- 1 - 5 Units
- 6 - 10 Units
- 11 - 15 units
- 16 - 20 Units
- 21 - 25 Units
- 26 Units +

### Spectrim

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