

# CME4

**TRAMEX**  
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## Concrete Moisture Encounter

For evaluation of moisture condition of concrete, gypsum cement and other slabs and screeds as per ASTM 2659

**DESIGNED FOR THE FLOORING INDUSTRY**

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



CME4 Calibration check plate



**SCREEDS AND CONCRETE FLOORS MUST BE DRY BEFORE A FLOOR COVERING IS INSTALLED**



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### PRODUCT DESIGN:

The Concrete Encounter CME4 is a hand-held electronic moisture meter operating on the principle of non-destructive impedance measurement. Parallel co-planar electrodes are mounted on the base which, during operation, transmit a low-frequency signal into the concrete floor 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 CME4 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 CME4 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.

### MEASURING RANGE

0 to 6% moisture content for Concrete.

0 to 10 comparative for Gypsum floor screed

0 to 100 Reference scale

### SPECIFICATIONS

<b>SIZE:</b>	150MM X 85 MM X 38 MM 6" X 3" X 1.5"
<b>WEIGHT:</b>	298 G (10.5OZ)
<b>CONSTRUCTION:</b>	ABS BODY
<b>POWER:</b>	9VOLT PP3 BATTERY
<b>DISPLAY:</b>	ANALOGUE



Power On - LED

Hold - Flashing LED

Hold On / Off



Co - planar Electrodes with special spring loaded contacts to enhance signal depth and sensitivity

Power On / Off

**DON'T TAKE RISKS WITH EXCESS MOISTURE!!  
MOISTURE TEST BEFORE YOU INSTALL A FLOOR COVERING**

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