

UR2500

Portable moisture meter Non Destructive

Ur2500 is a modern and technological Handy Digital "NON Destructive" Moisture meter for general use.

Thanks to the capacitive technology at high frequency on which it is based, it does not need to penetrate mechanically the material to be measured, but it is enough just lean the sensible reeds on the surface to obtain the measurement, without producing any kind of damage.

Besides thanks to its innovative characteristics, the kind of measurement that it makes it is not just superficial as it is typical for the resistive instruments, but it makes the average measurement in thickness plus or minus big in function of the density of the measured material.

For this reason the taken measurements are particularly useful in a large range of application.

Instrument extremely strong and reliable, proper also for the intense use, it is provided by a large polyfunctional LCD display polifunzionale, through which it is possible to set all the set-up values using the comfortable and strong keyboard it has got.

The Moisture Meter UR2500 is built with a strong case in plastic material where there are anchored the 3 sensorial reeds through which it takes the measurement



Main Applications:

- Wood **
- Products on Cellulose Base
- Paper & Carton
- Clay
- Ceramic Materials
- Cement and Mortars
- Brickworks
- Stone
- Gypsum
- Plasterboard
- Laminated and Coupled
- Insulating Products
- Plastic Materials

**** Note:**

the instrument has been in origin projected to be used with wood and it is with this material that it gives its best, but it has been verified directly on field that it can be used with success in many other sectors and applicative fields

Technical Features

Technological Platform: Microprocessor Circuit

Functional Technology: Capacitive at High Frequency

Range of Measure: 0..80%

Resolution: 0,1%

Precision: $\pm (1\%n + 1)$ Under 30% - $\pm (2\%n + 1)$ Over 30%

Reply Time: 1 Second About

Display: LCD 3 Digit 10 mm

Keyboard: 5 Keys Membrane

Sensible Part: 3 Reeds in steel Integral to the case

Power Supply: 4 Batteries type Mini Stilo AAA or Similar

Operative Conditions: 0..50 °C - 20 .. 80 UR%

Dimensions: 218 x 76 x 53 mm

Weight: 260 gr about

Note: Batteries and other optional not included

How to Order:

The instrument:

UR2500 - Moisture Meter - Art. 5A730

Note: The instrument is provided complete of a plastic case included



Optional:

Art. 0A609 - Battery NiMh Size AAA Rechargeable - (4 unity needed)

Art. 0943 - Battery Charger NiMh Universal - Compatible Size AAA

Art. 3147 - Big Rigid Case to transport the instrument (with foam rubber inside)

CEAM® Control equipment

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