

LG43 - Pin type moisture meter

LG43 is a resistance (pin-type) moisture meter which returns the moisture content of the materials measuring their electrical resistance through two electrodes that must be stuck into the material.

It is equipped with a microprocessor circuit to automatically compensate the readings from different materials (wood, building materials, paper).

It can be supplied with a plastic handle (/T version), for surface measurement through conductive rubber electrodes or very thin nails, with a special hammer (/M) to stick the electrodes in depth or with both the accessories (/TM). It is especially suitable for measures on not dried/seasoned timber or to detect the distribution of the moisture across the material.

The measure is affected using an alternate current, assuring an optimum stability even in case of high humidity contents.

The timber moisture indication is automatically compensated on basis of the timber temperature, which can be set manually by the operator (useful when measuring timber just out from the kiln dryer) or measured by the instrument by its internal sensor or the external RT/T sensor (optional).

Technical characteristics

- Suggested measuring range (wood): 8-50%
- Timber groups: 4
- Internal temperature indication: -10/50°C
- Power supply battery: 9V 6F22
Battery life: 35h approx.
- Case dimensions: 32,5x26x8 cm
- Weight (/T - /M - /TM): 1,3 - 3,0 - 3,5 Kg. approx

