

# Non-Invasive Inductive Moisture Meter

Model:KC-318

User's Manual



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### Overview

KC-318 Non-Invasive Inductive Moisture Meter main by the sensor ,at the back of the tool, emits and picks up electro-magnetic signals through the material to be tested.

The reading displayed is an average value of the moisture content from the entire surface area and the maximum depth of penetration. Moisture which is closer to the surface has a greater effect on the average value than the moisture close to the maximum depth of penetration.

KC-318 has internal auto-calibration function, therefore no need for manually calibration.

If the target depth is smaller than Max. measuring range 20mm, the value shows on the LCD is not accurate. The Max measuring depth for this unit is 3/4 inch (20mm).

### Technical Specifications

Product Name	Non-Invasive Inductive Moisture Meter
Model	KC-318
Measurement Range	0%~53% , Softwood 0%~35% , Hardwood Moisture readings of drywall and masonry are relative values
Measurement Precision	±4% (Softwood, Hardwood)
Maximum measuring Depth	3/4 inch (20mm)
Auto Power Off	2 minutes inactive
Backlight	Yes
LED Moisture Content Indicator	Yes
Power Source	One 9V block battery(6F22 or 6LR6) not included
Operation current	<35mA
Operation temperature	0~40℃
Operation humidity	0% ~70%
Storage environment	-10~50℃(5%~95%RH no condensation )
Dimension	170mm×75mm×30mm
Weight	About 152 g(battery not included)