

Material moisture measuring instrument

testo 616 – measure material moisture quickly and damage-free



Precise measurement of the material moisture in building materials and woods

Equipped with 10 characteristic curves

Ergonomic shape for optimum contact pressure

Hold, max. and min. functions

Illuminated digital display

The testo 616 allows fast and damage-free examination of material moisture curves in building materials and woods. It also facilitates your work in observing the drying process of floors, walls and surfaces.

For especially fast and easy handling, characteristic curves are stored for anhydrite screed, cement screed, lime sand brick, aerated concrete, concrete, vertical hole brick and solid brick for detecting wet spots in building materials. For the measurement of wood moisture, characteristic curves are available for soft woods, hard woods and chipboard. These characteristic curves were developed in cooperation with the LPI institute.

The measurement results are recorded to a depth of up to 5 cm and can be frozen at the press of a button.

The display is in percentage by weight related to the dry mass of the material.

The testo 616 also reliably supports you in the determination of the point in time and the place for any necessary destructive measurements.

Technical data / Accessories

testo 616

testo 616 moisture meter for non-destructive measurement incl. battery

Part no. 0560 6160



Sensor type **capacitive measurement**

Measuring range wood:	< 50 %
Measuring range building materials:	< 20 %
Resolution	0.1

General technical data

Unit:	Water content in percent by weight based on dry mass (%)
Measurement depth:	up to 5 cm
Measuring rate	0.5 s
Display refresh	0.5 s
Protection class	IP30
Operating temperature	+5 to +40 °C / 10 to 80 %RH
Storage temperature	-20 to +70 °C
Battery type	9V block battery, 6F22
Battery life	60 h
Weight	260 g
Housing material	ABS/TPE/Metal
Dimensions	70 x 58 x 234 mm

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Accessories for measuring instrument

Part no.

Case for measuring instrument and probes	0516 0191
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Subject to change without notice.