

# The testo 616 and Scatter Field Probe

Quick damage free moisture measurement



Scatter Field Probe  
for testo 635  
Also Available!

The testo 616 material moisture measuring instrument and the scatter field probe for the testo 635 are new to the market. Both calculate the water content in weight percent of woods and building materials.

The sensor size ensures a fast and damage-free measurement of wood and materials.

The 616 is extremely easy to use thanks to the

- Hold/Max/Min function
- The illuminated, easy-to-read digital display;
- The convenient shape for optimal contact pressure.

The measuring instrument has built-in material characteristics for softwood lumber (spruce, larch, cherry, pine, poplar, meranti), hardwood lumber (beech, oak, maple, ash, Douglas-fir, walnut, birch) and chipboard. The testo 616 also determines moisture levels before laying tiles, parquet and other floorings as well as for various building materials such as cement.

The measuring instrument is equally suitable as a quick, gentle method of moisture measurement for woods earmarked for production, storage and further processing.

# Measure material moisture quickly and non-destructively

testo 616 and Scatter Field Probe for testo 635

## Features

- ◆ Non-destructive measurement compared to conventional resistance measurement
- ◆ Choice of 10 different materials for which the characteristic curves have been recorded by an independent institute
- ◆ Easy to read thanks to digital display
- ◆ Convenient shape for optimum contact pressure
- ◆ User-friendly thanks to Hold/Max/Min function



Technical Data	testo 616	Scatter field probe
Unit	Water content in weight percent in relation to dry mass [%]	Water content in weight percent in relation to dry mass [%]
Measuring principle	Capacitive measurement	Capacitive measurement
Resolution	0.1%	0.1%
Display update	0.5 sec	0.5 sec
Measuring ranges	Woods: < 50% Building materials: < 20%	Woods: < 50% Building materials: < 20%
Measurement depth	up to 5 cm (dependent on material)	up to 5 cm (dependent on material)
Measuring rate	0.5 sec	0.5 sec
Area of use	5 - 40 °C/10 - 80% RH	5 - 40 °C/10 - 80% RH
Storage temperature	-20 - +70 °C	-20 - +70 °C
Battery type	9 V block	No battery
Battery life	60 h	Not specified
Housing	Compact line	Professional line
Weight	260 g	150 g
Dimensions of instrument (W/H/D)	70/58/234 mm	70/56/235 mm
Dimensions of packaging (W/H/D)	110/75/252 mm	115/80/375 mm
Degree of protection	IP30	IP30
Part Number	0560 6160	0636 6160