

TWO IN ONE



DUAL-FUNCTION MOISTURE METER WIP-24

APPLICATION

Moisture Meter WIP-24 is designed for quick and non-damaging measurement of moisture contents in wood and building materials. This instrument can measure moisture contents of practically all wood types (even the exotic ones) and building materials such as: concrete, brick, plaster, screed and gypsum. The values of density of most common wood types and building materials are printed on the back side of the instrument. This makes selection of wood type or building material very quick and easy. The instrument is simple to operate and very user friendly.

DESIGN

The device measures the dielectric constant (SIC) of the material. The material is penetrated by the electromagnetic field generated by the device. The moisture meter is equipped with knobs for setting the density and thickness of wood and density and thickness of concrete and other building materials. The characteristic is based on the following assumptions:

- for wood - doublesided natural drying process of timber,
- for concrete - singlesided natural drying process of concrete.

In both cases the moisture meter measures the average moisture contents. The measurement is done by touching the material with the electrodes. The result is instantaneous.

TECHNICAL DATA	Wood	Building mat.
Range	4% - 60%	0 - 10%
Thickness of layer measured	60 mm	50 mm
Settings range density thickness	0.3 - 1.1 g/cm ³ 10 - 60 mm	0.8 - 2.8 t/m ³ 30 or 50 mm
Minimal settings step density thickness	0.02 g/cm ³ 2 mm	0.2 t/m ³

Resolution	0.1%
Display	LCD, 12.7 mm
Power	9V, battery 6F22
Battery life	2000 measurements
Low battery indication	yes
Size instrument case	165 x 80 x 33 mm 270 x 180 x 55 mm
Guarantee	12 months



TANEL Electronics & IT, General Partnership



PL 44-100 Gliwice, Kopernika 121
tel./fax +48 32 2381615, 2349615



<http://www.tanel.com.pl>
info@tanel.com.pl

