

SAWDUST MOISTURE METER WTR-1

APPLICATION

Sawdust Moisture Meter WTR-1 is a state-of-the-art electronic device for measuring moisture contents in sawdust, scobs, wood shavings, slivers and other finely crumbled wood waste. It is especially useful during production of briquettes and pellets. WTR-1 is equipped with a temperature compensation knob. It is delivered in an aesthetic black case.

TECHNICAL DATA

Range	8% - 50% moisture contents
Temperature range	0°C - 50°C
Resolution	1%
Display	LCD
Sample volume	120 cm ³
Measurement pressure	0.2 MPa
Power	9V, battery 6F22
Battery life	approx. 5000 measurements
Low bat signal	yes
Weight	approx. 1 kG
Size	
instrument	290 x 215 x 65 mm
case	310 x 225 x 75 mm
Guarantee	12 months



DESIGN

The device measures the resistance of a compressed sample of sawdust. The measurement is done in two stages:

- ◆ first - the sample is compressed always to the same pressure of approx. 0.2 MPa,
- ◆ second - the resistance of the sample is measured and converted into moisture contents.

