

SAWDUST MOISTURE METER WTR-1E

APPLICATION

Sawdust moisture meter WTR-1E 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 can also be used for measurements of moisture contents of ready made pellets (after crushing) as well as approximate measurements of moisture contents of very wet sawdust. Moisture meter WTR-1E is widely used during the manufacturing process of briquettes and pellets. The device is equipped with temperature compensation and is delivered in an aesthetic black case.



CE



TECHNICAL DATA

Range	
subrange 1	8% - 30%
subrange 2	30% - 50%
Temperature range	-10°C - 60°C
Resolution	0.1%
Display	LCD, 3 digits
Sample volume	120 cm ³
Measuring pressure	0.2 MPa
Power	12V, battery 23A
Battery life	approx. 5000 measurements
Low bat signal	yes
Weight	approx. 1 kG
Size	
instrument	300 x 220 x 65 mm
case	310 x 225 x 75 mm
Guarantee	12 months

DESIGN

The device measures the resistance of a compressed sample of biofuel. 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.



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

