

## ON-LINE MICROWAVE MOISTURE METER

**UM900**

TO MEASURE MOISTURE CONTENT

**BEST IN CLASS FOR:**

## WOOD BASED PANELS:

PB/SPB

OSB/LSB/FOSB

MDF/HDF

The UM900 microwave moisture meter owes its creation to the constant research and investigation into the development of new techniques to achieve accurate detection and monitoring of the parameters involved in the production process.

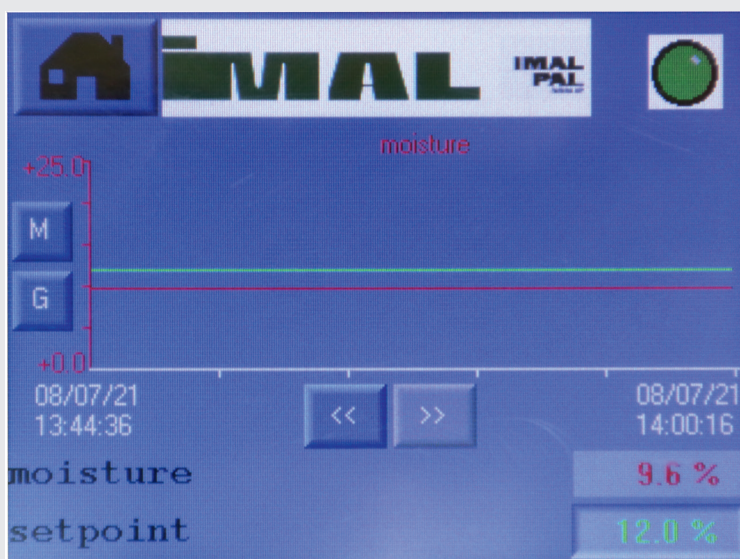
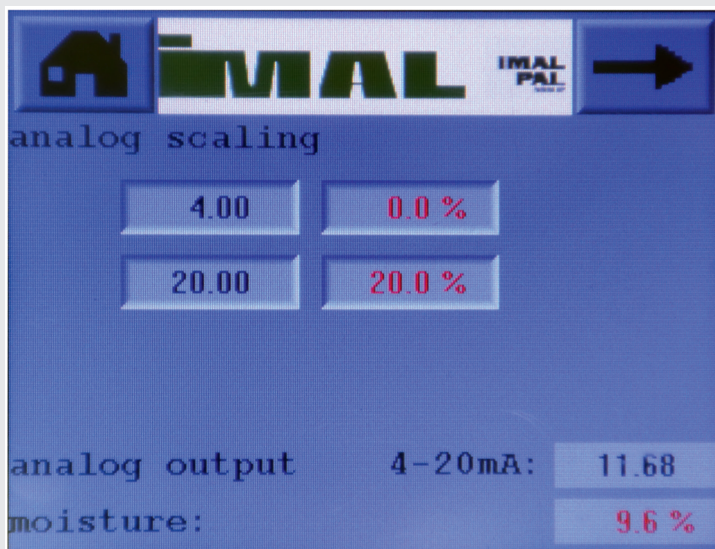
The UM900 is able to conduct the on-line measurement of the moisture content, density and temperature of the material analysed.

**MAIN FEATURES**

- Charts and graphs updated real time with programmable alarm levels for an optimal control of the process
- Performs a vectorial moisture measurement irrespective of density, temperature, formula used, etc.
- Configuration of analogue and digital outputs
- Automatic stabilizing of the temperature inside to ensure elevated measuring precision
- Calibration stable over time
- May be used for any kind of wood
- Quicker to calibrate thanks to a simple calibration procedure
- Easy to install.

**ADVANTAGES**

- The on-line monitoring of the moisture content may be used to perceive variations in the production process
- The data saved may be used to provide an historical moisture trend.



## TECHNICAL DATA

MOISTURE MEASURING RANGE	Min. 0.1% - Max. 95%
MEASURING PRECISION	0.2%
OPERATING TEMPERATURE RANGE	0 ÷ +50 °C may be increased if controlled by thermostat
ANALOGUE INPUT/OUTPUT SIGNALS	4 - 20 mA
MEASURING TIME	< 1 sec