

Table of Wood Species

Abachi	2	Sapele	3
Alder	3	Sitka Spruce	3
Ash	3	Spruce	3
Banak	2	Swiss Pine	3
Beech, Red	2	Teak	2
Beech, White	2	Wawa	2
Birch	3	Weymouth Pine	3
Cherry	3	White Afara	3
Chestnut	3	White Oak	2
Dalli	2	Yew	3
Douglas Fir	3		
Elm	3		
Fir	3		
Gabun	2		
Hemlock	3		
Khaya Mahogany	3		
Larch	3		
Lime	2		
Mahogany	3		
Makoré	3		
Maple	3		
Meranti, Dark Red	3		
Meranti, Light Red	3		
Oak	3		
Oak, Red	2		
Oak, White	2		
Okumé	2		
Pear Tree	2		
Pine	3		
Plum Tree	3		
Poplar	3		
Ramin	2		
Red Oak	2		
Redwood, California	3		
Rosewood	2		

Directive 2002/96/EG on waste electrical and electronic equipment (WEEE)

According to legal regulations, product and packaging are to be disposed of at a recycling centre.

This appliance was manufactured after 12th August 2005.

This manual and the tables it contains are copyright-protected. The rights resulting from this, especially those concerning reprinting, reproduction by means of photomechanical or similar procedures (photocopy, micro-copy), and storage in data processing systems, remain reserved, even in case of partial realisation.

Copyright 2006 by

GANN Mess- u. Regeltechnik GmbH

P.O. Box 10 01 65

70826 Gerlingen, Germany

07/2006

Operating Instructions

HYDROMETTE COMPACT



General Remarks

The **Hydromette COMPACT** allows moisture checks on timber, veneer, wooden frames, windows and doors.

It is equipped with a selector for setting two different calibrations for wood. Wood species group 2 and 3 of the standard table of wood species apply. The reading refers to a wood temperature of 20° C.

With the selector switch set to position B, also moisture checks on plaster are possible. The readings are displayed **direct** in percent of dry weight.

Measuring Range

The meter gives readings over a range of from 5 to 20% m.c. with wood and from 0.3 to 3.5% m.c. with plaster. Higher readings displayed by the meter are erratic and should be disregarded.

Calibration

The meter is fitted with an electronic setting device making manual calibration or adjustment unnecessary.

Safety Remarks

WARNING: it should be realized that a risk of injury exists by unprotected measuring pins when carrying the meter around without protective cap or any other safeguard.

A risk of injury also exists by careless handling of the measuring pins while taking measurements.

Make sure with suitable means **prior** to driving the pins into walls, ceilings or floors that this will happen away from any power line, water piping or other supply pipes.

Power Source

1 standard dry battery 9 V IEC 6 F 22 or IEC 6 LF 22.

Battery Change

The battery should be changed when a second decimal point is displayed on the LCD readout (e.g. 1.8.8).

Remove the two cross-recessed screws on the upper part of the meter casing and lift it cautiously. Change battery and refasten the cover.

Handling

For wood measurement, set rotary knob to position 2 or 3 as stated in the enclosed table of wood species for the species to be tested. For testing plaster, set the knob to position B.

Press measuring pins into the wood or plaster, with wood across the direction of the grain.

Press the measuring key and read the result.

Attention

The readings obtained are valid for wood temperatures between 15 and 25°C. With lower or higher wood temperatures increasing measuring errors have to be expected.

Do not take measurements on metallic base.

For measurements on veneers several layers have to be laid on top of one another.

Change of Measuring Pins

Unscrew knurled nuts and change pins. Tighten the nuts carefully to avoid measuring errors and keep the range between the pin sockets clean.

