



## Operating Instructions

### GANN HYDROMETTE COMPACT

#### **General Information**

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.

#### **Battery**

9V block battery. Type IEC 6 F 22 or IEC 6 LF 22.

#### **Changing the Battery**

The battery requires changing when two decimal points are shown in the display (e.g. 1.8.8). Loosen the two cross-headed screws on the upper side of the device and carefully remove the cover in an upward direction. Change the battery and refit the cover.

#### **Safety Advice**

**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.

#### **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

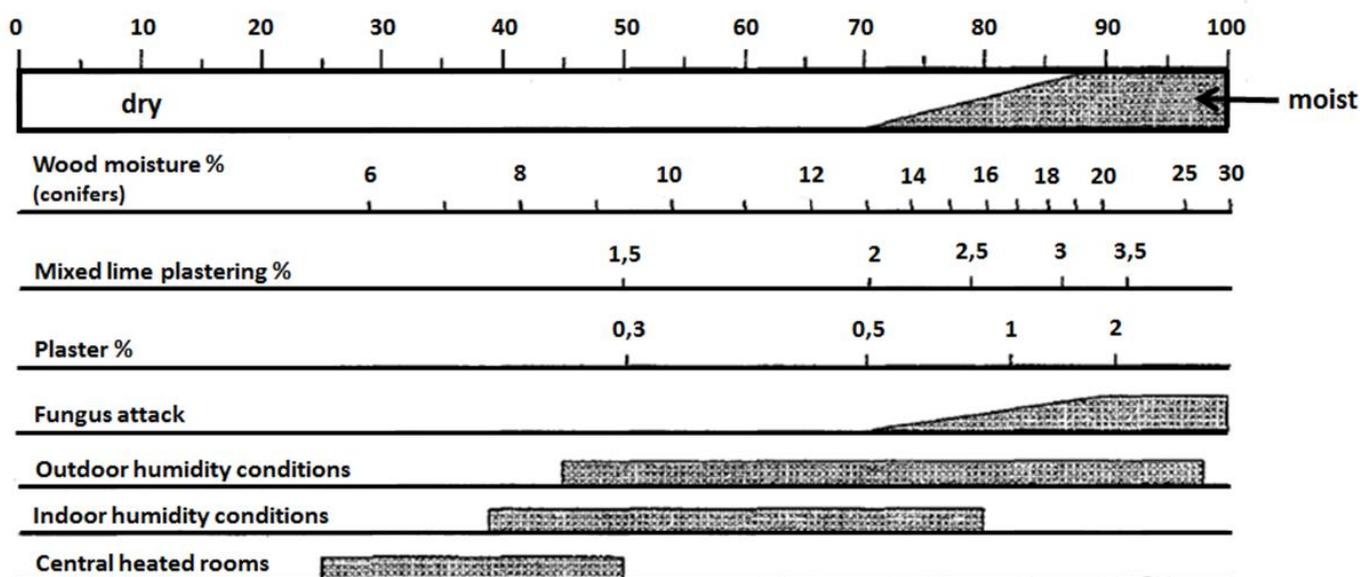
Unscrew knurled nuts and change pins. Tighten the nuts carefully to avoid measuring errors and keep the range between the pin sockets clean.

### Table of Comparison

### Air Humidity

### Structural Moisture

Air relative humidity % R.H.



### Table of Wood Species

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