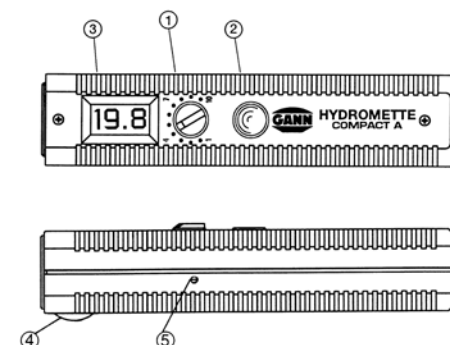


## Table of Wood Species - Instrument Setting

Species	Setting	Species	Setting	Species	Setting
Abachi.....	5.0	Ebano africano.....	9.0	Nussbaum, franz.....	7.0
Abedul.....	6.5	Ebène d'Afrique.....	9.0	Nyankom.....	7.0
Abete del Canada.....	5.5	Ebenholz.....	9.0	Oak.....	7.5
Abetina rosso.....	5.0	Ebony, African.....	9.0	Oak, White.....	8.0
Aboudikro.....	8.0	Eiche.....	7.5	Obeche.....	5.0
Abura.....	7.0	Eiche, weiß amerik.....	8.0	Palo brasil.....	8.5
Acero bianco.....	6.0	Epicéa.....	5.0	Pernambouc.....	8.5
African Walnut.....	6.5	Epicéa du Nord.....	5.0	Pernambuc.....	8.5
Ahorn.....	6.0	Erable.....	6.0	Pezzo.....	5.0
Alder.....	6.5	Erle.....	6.5	Pin à lensens.....	7.0
Alno.....	6.5	Esche.....	8.0	Pin maritime.....	5.0
Alvies.....	4.5	European Maple.....	6.0	Pin sylvestre.....	5.5
Ameneiro.....	6.5	Faggio.....	8.0	Pinie.....	5.0
American Maple.....	8.5	Fichte.....	5.0	Pino albar.....	5.5
Arce.....	6.0	Fichte, nordisch.....	5.0	Pino da incenso.....	7.0
Ash.....	8.0	Framiré.....	7.0	Pino silvestre.....	5.5
Aulne commun.....	6.5	Frassino.....	8.0	Plum Tree.....	7.0
Ayous.....	5.0	Frêne.....	8.0	Prugno.....	7.0
Bahia.....	7.0	Fresno.....	8.0	Pruneaulier.....	7.0
Beech.....	8.0	Haya.....	8.0	Prunier.....	7.0
Betulla finlandese.....	6.5	Hemlock.....	5.5	Ramin.....	8.0
Birch, Northern.....	6.5	Hêtre.....	8.0	Rotbuche.....	8.0
Birke, nordisch.....	6.5	Idigbo.....	7.0	Rovere.....	7.5
Björk.....	6.5	Iroko.....	6.0	Samba.....	5.0
Bouleau du Nord.....	6.5	Kambala.....	6.0	Sapele.....	8.0
Brasilholz.....	8.5	Kiefer, nordisch.....	5.5	Sapeli-Mahagoni.....	8.0
Brazilwood.....	8.5	Kirschbaum.....	6.0	Sapelli.....	8.0
Buche.....	8.0	Laerk.....	6.5	Sapin de Douglas.....	6.0
Carballo.....	7.5	Larch.....	6.5	Scots Pine.....	5.5
Carolina Pine.....	7.0	Larice.....	6.5	Seekiefer.....	5.0
Cedar, red.....	1.0	Lerche.....	6.5	Seraya, blanc.....	6.5
Cembra Pine.....	4.5	Limba.....	5.5	Seraya, White.....	6.5
Cerezo.....	6.0	Limbo.....	5.5	Sipo.....	6.0
Cerisier, americain.....	7.0	Lime.....	8.0	Swiss Pine.....	4.5
Chêne.....	7.5	Linde.....	8.0	Tiglio.....	8.0
Chêne, blanc.....	8.0	Maple.....	6.0	Tilleul.....	8.0
Cherry.....	6.0	Melèze.....	6.5	Tilo.....	8.0
Cherry, American.....	7.0	Meranti, blanc.....	6.5	Tsuga du Canada.....	5.5
Ciliegio.....	6.0	Meranti, Dark Red.....	7.0	Utile.....	6.0
Ciliegio tardivo.....	7.0	Meranti, rouge foncé.....	7.0	Verzino.....	8.5
Cirmulo.....	4.5	Meranti, White.....	6.5	Walnut, European.....	7.0
Ciruelo comun.....	7.0	Merisier.....	6.0	Wawa.....	5.0
Corina.....	5.5	Niangon.....	7.0	Wenge.....	9.0
Dibetou.....	6.5	Noce africano.....	6.5	White Afara.....	5.5
Douglas Fir.....	6.0	Noce commune.....	7.0	Whitewood.....	5.0
Douglasia.....	6.0	Nogal.....	7.0	Zimbrow.....	4.5
Douglasie.....	6.0	Northern Pine.....	5.0	Zirbelkiefer.....	4.5
Ebano.....	9.0	Noyer commun.....	7.0	Zwetschgenbaum.....	7.0

## Operating Instructions

### GANN HYDROMETTE COMPACT »A«



- ① Species selector, setting range 1 – 10
- ② Measuring key ON/OFF
- ③ LCD readout (reading in % M.C.)
- ④ Measuring sensor
- ⑤ Fine adjusting device.

#### Application and measuring range

The Hydromette COMPACT »A« has been designed for single and series moisture measurements of timber. The measuring capacity ranges between 5 and 45 % m.c. depending on the species or the specific weight of the wood respectively. Whenever the measured moisture content exceeds the measuring capacity of the meter, only the decimal point will appear in the LCD readout.

#### Admissible ambient temperatures

Storage: 5 to 40 °C; temporarily -10 to +60 °C, non-condensing  
 Operation: 10 to 40 °C; temporarily -5 to +50 °C, non-condensing.

#### Power source

The meter is fitted, as standard equipment, with a 9 volt transistor battery IEC 6 F22 or IEC 6 LF22. Using an alkaline battery is recommended.

#### Battery check

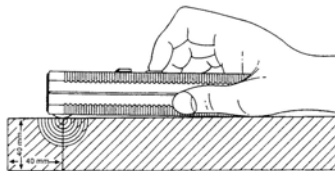
Upon pressing the measuring key ②, any value with **one** decimal point is displayed, e.g. 10.8. If a second decimal point, e.g. 1.0.8, is displayed, the battery is exhausted and should be replaced. To do so, remove the two Phillips screws on the upper part of the meter casing and lift the latter cautiously.

## Calibration

To perform a functional test, set species selector ① to position 1 and hold the meter in the air. Upon pressing the measuring key ②, a reading between 1.5 and 2.5 should be displayed. If the reading is outside this range, the indication should be adjusted by means of the fine adjusting screw ⑤ to an air value of 2.0 using a suitably sized screw driver.

## Measurement

Set species selector ① to the position stated in the table overleaf for the species of wood to be tested. Place the meter on the wood to be measured in such a way that both the sensor ④ mounted to the lower part of the meter casing as well as the opposite side of the casing lie on the surface of the wood. As shown by the sketch below, the operator may hold the meter only in the lower range of the meter housing, not beyond the measuring key. Press measuring key ② and read off the result in % of moisture.



## Attention

***During the functional test or while taking measurements, the meter must by no means be held in the proximity of the measuring sensor ④! Measurements should not be taken close to knots or distortions as well as through bark. Measurements must not be taken on a conductive base, e.g. metal. In case of measurement of timber with a thickness below 40 mm, two or more boards have to be piled above each other until a minimum thickness of 40 mm is obtained. Non-observance of these rules may lead to heavy measuring errors.***

## General Remarks

The measurement is not only affected by the moisture of the wood to be tested but also by its specific weight and the moisture distribution. For the effect of moisture distribution, it must be taken into account that with increasing timber thickness the effect of the core moisture to the reading diminishes considerably. In case of thicker timber with non-equilibrated moisture content, it is therefore advisable to split it and measure on the cut surface.

For measurement of any species of wood not enumerated in the table overleaf, the proper setting can be determined by an oven test or by comparative measurements with a pin-type moisture meter. In the latter case, care must be taken that the sensor of the Hydromette COMPACT »A« is put on the very same spot where the pins of the resistance moisture meter had been driven into the wood. Then turn the species selector of the Hydromette COMPACT »A« until the same or similar reading is displayed as it has been obtained with the resistance moisture meter.

## Warranty

GANN Corporation warrants for a period of six months from date of purchase or one year from date of delivery from its factory whichever period elapses first, to correct, at its option, by repair or replacement of defective parts free of charge any product defect due to faulty material or poor workmanship. Replacement or repair of any part do not constitute a new or an extension of the original warranty period.

When lodging a warranty claim, return the meter complete with all accessories, postage paid, to GANN Corporation or to the supplier, together with a description of the fault noticed. Proof of purchase is required.

GANN Corporation assumes no responsibility for damage or faulty performance caused by misuse or careless handling or storage, or where repairs or other manipulations have been made or attempted by the owner or third party. In no event will GANN Corporation be liable for damages, including lost profit, lost savings or other incidental or consequential damages arising out of the use of or inability to use the product.

## EC Declaration of Conformity

in accordance with the EC Directive on Electromagnetic Compatibility  
89/336/EEC in version 93/31/EEC

We hereby declare that the handheld moisture meter

## GANN HYDROMETTE COMPACT »A«

corresponds to the aforementioned directive both with respect to its conception and type of construction and the design as marketed by us. This declaration becomes void if the moisture meters are modified without our approval.

Applied harmonized standards in particular:

EN 55011/03.91	DIN VDE 0875-11/07.92
DIN EN 50082-1/03.93	

Applied national technical standards and specifications:

IEC 1000-4-2/1995	IEC 1000-4-4/01.95
IEC 801-3/1984	IEC 65A/77B