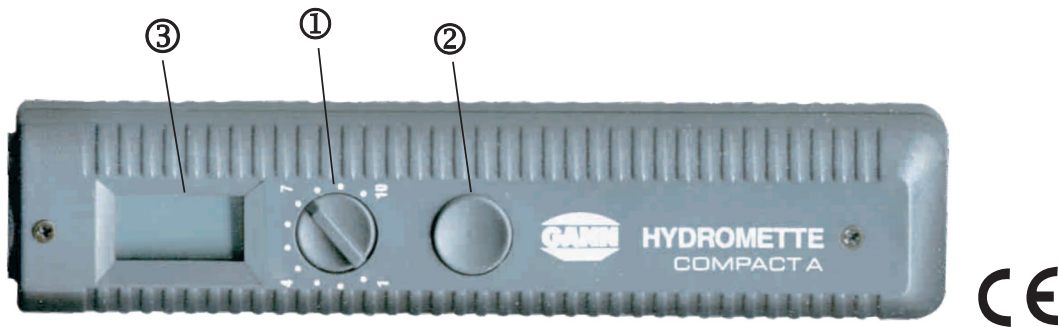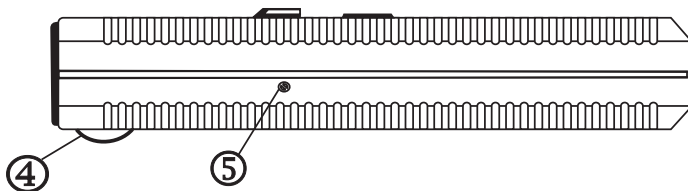# GANN HYDROMETTE COMPACT ››A‹‹

③ ① ②

Model : GANN-A

④   ⑤

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 & 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 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

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.