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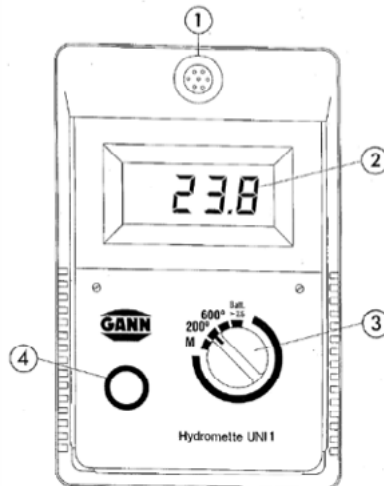
# GANN UNI 1 moisture meter

With B50 probe

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# Instructions GANN UNI 1

1. MS – connection for connecting all PT 100 and RF-T Temperature probes (electrodes), MH34, MB35 and B50 probes.
2. LCD digital display for reading all measurements.
3. Switch-position "M" for connecting the following electrodes:  
MH 34  
MB 35  
B50 / B60  
RF-T 28 humidity  
RF-T 31 humidity  
RF-T 32 humidity  
IR 40 surface temperature with infrared
3. Switch-position "200°" for temperature measurements up to 200°C with probes RF-T 28, RF-T 31, RF-T 32 and PT 100.
3. Switch-position "600°" For temperature measurements up to 600°C with probes PT 100.
3. Switch-position "Batt." For battery control.
4. Measurement button by pressing this button you get the measurement immediately.



## B 50 Probe

Active probe with integrated electronics for interference-free detection of moisture in construction materials also for displaying the moisture transport in walls, floors and roofs. The patented measurement instrument measures high frequently until a depth of 12cm.

### Battery control UNI I

Switch button (3) on the position "Batt." And press the measurement button. When sufficient battery voltage the displayed value has to be above 7.5. Is this  $\leq$  then is the battery insufficient and it has to be replaced. The battery hood, at the bottom of the instrument, is to be removed with a coin.

We recommend a battery replacement if the value is between 7.5 and 8.0.

### Kind of battery

It is a block battery 9V type IEC 6 F 22 or IEC 6 LF 22.

We recommend an alkaline-manganese battery.

### Calibration

All moisture meters since construction date 1985 have a full-electronic instrument calibration, so a manual calibration does not need to happen.

### Size instrument

Plastic housing: L140 x W90 x H50mm. Ca. 220G without accessories.

### Allowed temperatures

Storage: +5°C to +40°C, short-term -10°C to +60°C

Use: 0 to +50°C, short-term -10°C to +60°C not condensing

The instrument, electrodes and measurement cables cannot be kept in aggressive air or be used in it.

Specific weight surface	Relative humidity					
	30	50	70	80	90	100
	Indication of the read values					
	Very dry	Dry	Relatively dry	Moist	Wet	Very wet
To 600 kg/m <sup>3</sup>	10 to 20	20 to 40	40 to 60	60 to 90	90 to 110	> 110
600 - 1200 kg/m <sup>3</sup>	20 to 30	30 to 50	50 to 70	70 to 100	100 to 120	> 120
1200 - 1800 kg/m <sup>3</sup>	20 to 40	40 to 60	60 to 80	80 to 100	100 to 130	> 130
> 1800 kg/m <sup>3</sup>	30 to 50	50 to 70	70 to 90	90 to 120	120 to 140	> 140

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