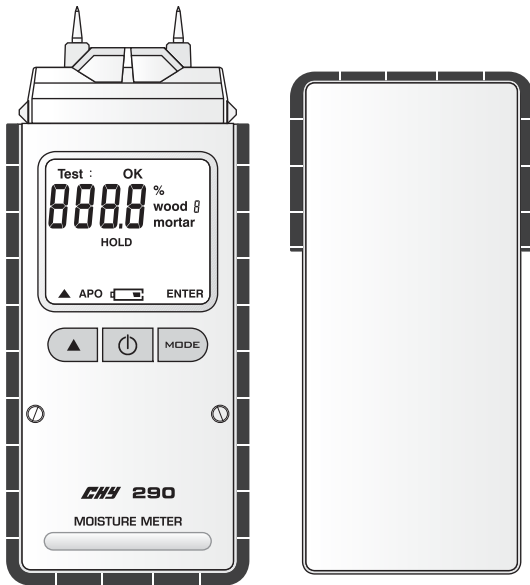


MOISTURE METER

MODEL: 290



FEATURES

Measure % moisture of wood & building materials.
Conductivity measurement on electrical.

Settable measuring ranges for different materials.
HOLD function.

Auto-power off function.

Backlight function.


Protective cap for safe storage.

Attached with carrying strap.

Storage temperature:

-20°C to 60°C, 0 to 80% R.H. with battery removed from meter.

Low battery indication:

The “” is displayed when the battery voltage drops below the operating level.

Battery:

1.5Vx2pcs AAA size.

Dimensions:

24.7mm(T) x 50.9mm(W) x 132.9mm(H)

Weight:

Approx. 117g including batteries.

MEASURING RANGES

Sensor: Electrical Resistance

Moisture material

8.8 to 54.8%

For beech, spruce, larch, birch cherry and walnut
(Grouped as wood 1)

7.0 to 47.9%

For oak, pine, maple, ash-tree, Douglas-fir and meranti
(Grouped as wood 2)

0.9 to 22.1%

For cement screed, concrete and plaster (Grouped as mortar 3)

0.0 to 11.0%

For anhydrite screed (Grouped as mortar 4)

0.7 to 8.6%

For cement mortar (Grouped as mortar 5)

0.6 to 9.9%

For lime mortar (Grouped as mortar 6)

0.1 to 16.5%

For brick (Grouped as mortar 7)

Accuracy:

Conductivity measurement: $\pm 1\%$ at $23\pm 5^\circ\text{C}$ ($73.4\pm 9^\circ\text{F}$)

Resolution: 0.1%

Measurement rate: 1 time/second

Operating environment: 0°C to 60°C at $<70\%$ R.H.

Temperature Coefficient: 0.1 times the applicable accuracy specification per $^\circ\text{C}$ out of 18°C to 28°C (64°F to 82°F).

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