



Other Moisture Tester

Universal Moisture Tester

Model **HB-300**



The HB-300 is new concept moisture tester which users can input calibrations easily by themselves for their own products. Various optional sensors can be available so that accurate measurement may be expected. Applications are solid, powder, granular or tablets, paste and sheets which are not including any electrolytic.

Specifications

Measuring method	Electric resistance
Measuring range	1 ~ 99% (depends on calibration & samples)
Accuracy	Depends on calibration
Ambient temperature	0 ~ 40°C
Power source	Batteries 6 pcs. "AA" size.
Dimensions	110 (W) x 210 (D) x 50 (H) mm
Weight	Net 0.5kg Shipment 4.0kg
Options	Printer (VZ-330) Sensors



Four Needled Sensor

Rubber Sensor

Pressure Type Sensor

Fresh Concrete, Mortar and Sand Moisture Tester

HI-300 / HI-330



The HI-300 and HI-330 are fresh concrete moisture testers. By loading fresh concrete (mortar) that has been wet screened on-site into the sample container and simply pressing the measure key, these testers can both easily measure the moisture content and moisture weight of the sample, and output control data to a printer. Further, in addition to measuring the moisture content of fresh concrete, the HI-330 is also capable of measuring the surface moisture of fine aggregate.

Specifications

Measurement method	High frequency volumetric method
Applications	Mortar (wet screened fresh concrete). HI-330 is for mortar or fine aggregate
Measurement range	Mortar: 20-40% (volumetric ratio). Fine aggregate: ≤ 15% (surface moisture), Fresh concrete: 120-240 kg/m ³ (unit quantity of water)
Measurement precision (standard deviation)	Mortar: ± 0.3% (moisture), Fine aggregate: 0.14% (surface water), Fresh concrete 1.0 kg/m ³ (unit quantity of water)
Display format	Digital (LCD, smallest displayed unit 0.1%)
External output	RS-232C Interface
Power source	AC100V (when using 6V AC adaptor), or 6x 1.5V Batteries ("C" size)
Additional functions	Unit water estimation, Water/cement ratio estimation, User scale logging, Composition Data logging, Average value, 126 data point memory, Auto power OFF after 15 min. Varies between models
Dimensions & weight	300(W) x 264(D) x 197(H) mm, 2.5kg
Accessories	Sample case, Exchange connectors, Dummy, AC adaptor, Carrying case. Variations between models
Options	Printer (VZ-350), Wet screener TZ-610

The photo shows the HI-330.