

Grain Moisture Tester
Model HB-610 (Ver.02)

*Protect your harvest with
simple moisture measurements!*



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Nuts and grains are dried immediately after harvesting. If the moisture is not removed sufficiently, the product cannot be stored for a long time. The HB-610 confirms the completion of drying of the product, and quickly and easily measures the moisture content of the product while it is still in the bag in the warehouse. To prevent quality deterioration and spoilage during storage, you need an accurate and easy-to-use measuring instrument. You have now found the best solution.

Features

- **Portable**

Making this tester handy allows a user to bring it to a worksite and measure moisture contents in real time.

- **Quick measurement**

Pressing the key with the sensor inserted displays a measurement result in a few seconds.

- **High durability**

Robust design to withstand heavy use in the field. Since the probe and body are separated, it is easy to apply force to the probe, and conversely, there is no need to apply unnecessary force to the body.

- **Large, easy-to-read display**

The 4-inch LCD displays moisture, number of measurements, application and bar graph, and the wide viewing angle and large numbers make easy reading.

- **Upper limit alarm function**

The alarm indicating the upper limit of moisture content can be set because of efficient moisture control. If a measurement value exceeds a setting one, a buzzer sounds to call attention.

- **Automatic Power Off**

If no measurement or operation is performed for 5 minutes with the power on, the power is automatically turned off to maximize battery life.

- **Average function**

A sample average can be automatically calculated (simple arithmetic mean) for 2-9 tests.

- **Automatic temperature correction**

The electrical resistance principle is affected by temperature. The HB-610 includes a thermistor to automatically compensate for variation of environment temperature ensuring accurate moisture measurement each time.

VIDEO &
DETAILS



Applications



Cashew



Coffee bean



Cacao bean



Corn (Maize)



Rice



Wheat

Specifications

Measurement Principle	Electrical resistance
Applications	Raw cashew nut / Cashew kernel / Cashew kernel testa / Cacao bean / Green coffee arabica / Green coffee robusta / Corn (Maize) / Corn flour / Wheat / Long milled rice / Long paddy
Standard Method	ISO665 / UNECE STANDARD DDP-17 / ISO2291 / ISO6673 / ISO6540 / ISO712
Display	Digital (LCD)
Resolution	0.1%
Operating Temperature Range	0 to 40°C
Functions	Moisture value bias adjustment (-9.9 to +9.9%), Measurement average, Upper limit alarm, Auto power off (automatically turns off after approximately 5 minutes), Data storage (approximately 250 data points), Company name setting, Data output (printer / PC)
Power Supply, Power Consumption	1.5 V batteries (AA alkaline) (6), approximately 0.45 W
Dimensions and Weight	110 mm (W) x 210 mm (D) x 50 mm (H), 0.5 kg
Included sensors	Bar sensor (UB-1000)
Accessories	Shoulder strap, 1.5 V batteries (AA alkaline) (6), Carrying case, Operating manual
Options	Printer VZ-390, Printer cable VZC70, Data Logger Software HDL-03, PC cable VZC55

Measurement example



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Management system enhancement department of the Japanese Standards Association (JSA) registers the Quality Management System of the above organization, which conforms to JIS Q 9001, ISO 9001.

The scope of the registration: Design, development, production management, calibration and repair of moisture testers, NIR composition analyzers, grain inspectors and coating thickness testers.

Contact