**Model G810 STD**

**Model G810 IP**

# G810 | Grains Moisture Tester

# **G810** - Grain moisture testers series

made in **Brazil**

**The moisture meters G810 Series is fully automatic, performs the moisture measurement compensating the specific weight and the temperature of the grains.**

The moisture testers G810 Series gather all the features necessary to provide the accuracy of moisture measurement of grains and seeds, according to the quality standards required by national and international regulatory organizations.

With a simple operation, without operator interference, the G810 testers provide the moisture reading of the sample in seconds, for a wide range of products.

Absolute precision, guaranteed through the new auto calibration function, which adjusts the measuring system before each measurement.

The G810 Series enables updating and selection of calibration curves via the Internet, through the unique system created by Gehaka.

Available in the following models:
**G810 STD** - No printer
**G810 IP** - With built in compact thermal printer

Actually the defaults commodities calibrations are 120, but the G810 can accommodate up to 250 curves.

The calibration curves were created at the manufacturer laboratory based on the internationals standard methodologies, issued by ISO, AACC, AOCS and ASABE.

These calibrations are re-evaluated every year considering all types of grains produced in Brazil and also in others countries.
A new algorithm quickly performs the automatic moisture compensation, based on the temperature difference between the sample and the tester.

The G810 calculate all necessary corrections and indicate at the alphanumeric display in the following readings of test sample:

• The sample moisture percentage (%U).

• Approximate sample density (kg/Hl).

• Temperature (°C or °F).

After each measurement the G810 generate reports that can be printed or transferred to a system recording of all measurement parameters, such as, sample moisture content; approximate sample specific weight; sample and tester temperatures; date and time; product name; sample weight; tester serial number; firmware, hardware and commodity calibration versions, according to the ISO / GLP and GMP procedures.

Gehaka grain moisture test laboratory is part of the RBLE - Brazilian Test Laboratory Network Set of Laboratories accredited by the General Accreditation Coordination of Inmetro (Cgcre) for the execution of test services.

The calibration curves of Gehaka moisture testes are designed with thousands of grain samples collected throughout the national territory over successive crops.

Ensaios
NBR ISO/IEC
17025
CRL 0667
Ensaios de
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## Specifications

| | |
|---|---|
| Moisture measurement range | From 1 to 50%, depends of the product |
| Indication of the specific weight | From 40 to 100 kg/Hl ± 1 kg/Hl |
| Sample weight | Depends of the product |
| Electronic scale incorporated | 1.000 g ± 0,3 g |
| Temperature of operation | From 0 ° to 50 °C |
| Instrument net weight | 5,7 Kg |
| External dimensions | 345 x 311 x 192 mm |
| Energy source | Automatic input from 90 to 240 VAC 50/60 Hz - Out put 5 VDC |
| Consume | 5 Watts |
| Type of port communication | Standard RS 232 C |
| Warranty | One year |
| Technical assistance | Contact the manufacturer or an authorized local service partner |

## Accessories: (supplied with the equipment)

- Instruction user manual
- Sample cup
- Oval plastic cup
- DB9 x DB9 - RS 232C connection cable
- Chamber test cleaning brush
- 6 x Thermal paper rolls - exclusive for the model G810 IP

## Optional: (supplied separately)

- RS 232C / DB9 for standard USB adapter
- Compact thermal printer, model IG200
- Carring case

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