



**G610i** | Portable grain  
moisture tester

# G610i - Portable grain moisture tester



The G610i Moisture Tester was specially developed by Gehaka to monitor and control field crops, grain drying and storage processes, with high performance and precision. The unit is equipped with a built-in digital scale.

Ensure the best control possible of your harvest by monitoring with state-of-the-art equipment.

## Features

**Simple and Fast.** The G610i grain moisture tester is portable and easy to use. With an automatic system, the G610i provides the grain moisture contents in seconds. From the sample weighing to the end of the operation, the process is digital and automatic, including the compensation of the grain temperature.

**Step by step Instructions.** The G610i is interactive and indicates each process step with clear and objective information in English, Spanish, French, German, Italian, Turk or Portuguese. Therefore, no specific training is required to operate the equipment.

**Portable and Adaptable to almost any power grid.** G610i is powered by a 9 volt alkaline battery or by an adapter connected to the electric power, operating from 90 to 240 Volts. The battery charge indicator allows you to know when to replace the battery. G610i can, optionally, be powered by a rechargeable battery, thus eliminating the battery replacement.

**Self-Adjusting System.** When G610i is turned on, the unit automatically performs a self-adjusting routine. Such routine is also performed after each moisture measurement and lasts only four seconds, ensuring that several factors that may interfere with the result of the moisture measurement are eliminated.

**Selection of Calibration Curves via Internet.** All calibration curves are available on [www.moisturetester.com.br](http://www.moisturetester.com.br). You can select, update and create new curves for your Model G610i through this site (the Gehaka Optional Interface is required). We can also update G610i firmware thus ensuring that the tester is always updated with the latest improvements developed by Gehaka.

**Calibration Curve Monitoring.** The calibration curves for each type of grain are obtained based on the standard oven methodology, strictly complying with international regulations. The scales contained in G610i are laboratory tested and validated annually, with samples collected all over Brazil by our researchers and specialized technicians, ensuring the accuracy of results in the grain moisture measurement.

## Technical specifications

Digital scale	Built-in laterally to the tester - Capacity 1,000 g x 0.1 g Combined Error of $\pm 0.2$ g
Power source	9 Volt Alkaline Battery or Automatic AC / DC Adapter
Data interface	Bidirectional, Serial RS232C
Reading division	0,1%
Moisture reading accuracy	$\pm 0.25$ % relative to the stove
Measurement range	According to the calibration curve
External dimensions (W x H x D)	345 x 300 x 168 mm
Tester net weight	4,0 Kg
Number of scales	72
Operating temperature	5° to 50 °C
Thermometer	0° to 100 °C (with $\pm 0.3$ °C accuracy)

 **Gehaka technical assistance network all over the national territory.**

## Included accessories

- 9 Volt Alkaline Battery
- 90 to 240 Volt Automatic AC/DC Adapter
- Carrying case
- Weighing vat
- Instruction manual

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.



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