



MINI GAC® AND MINI GAC® PLUS GRAIN MOISTURE ANALYZER

The World's Most Accurate Handheld Grain Moisture Analyzer

The DICKEY-john **mini GAC** and **mini GAC plus** grain moisture analyzers are the first handhelds with "grain trade" accuracy.

Two versions are available:

- **mini GAC** - for highly accurate moisture testing.
- **mini GAC plus** - the ONLY handheld moisture tester that measures accurate test weight.

Using U.S. Federal Standard Technology

DICKEY-john's technology in the **mini GAC** and **mini GAC plus** is based on the GAC2100b, the U.S. federal grain standard.

Unsurpassed Benefits for Farming

Whether you're harvesting, storing, or trading grain, nothing is more important to its value than its moisture content and test weight.

With the **mini GAC plus** you can measure moisture and test weight and it's:

- Fast
- Easy
- Accurate

... And NO screw cap which can damage grains, create oily residue, and are cumbersome to use.

mini GAC and mini GAC plus features include:

- Menu-driven operating system
- An internal scale (no pre-weighing)
- USB compatibility for calibration loading
- Test weight readout (**mini GAC plus**)
- Used for over 450 grains and products
- Automatic temperature compensation

Backed by the Power of DICKEY-john

When you buy a **mini GAC** and **mini GAC plus**, you get all the dependability and value you expect from DICKEY-john products. DICKEY-john's advanced technology and superior electronics are backed by a team of expert, in-house mechanical, electrical, software, and test engineers. All **mini GAC**'s are manufactured by DICKEY-john under strict quality control in an ISO 9001 certified facility. Made in the U.S.A.



DICKEY-john®
CORPORATION

Revolutionizing Electronics

**C.I.E. CHAMPION
INDUSTRIAL
EQUIPMENT**

2855 Marleau Avenue, Suite A, Cornwall, Ontario K6H 7B6
Tel: 613 938-2900 Fax: 613 938-8219 1-800-267-9203
www.cie-eic.com

©2007 DICKEY-john Corporation

MINI GAC[®] AND MINI GAC[®] PLUS GRAIN MOISTURE ANALYZER



1. Fill loader



2. Empty loader into analyzer



3. Level grain



4. Press button, results in seconds

Package includes:
mini GAC, loader, 9 volt battery,
carrying case, belt clip,
instruction manual and
1 year manufacturer's warranty



Unit Specifications

Measurement method:	capacitance, conductance, internal scale, temperature
Moisture range:	5 - 45 % (depending on grain type)
Grain temperature:	32 - 122° F (0 - 50° C)
Temperature difference:	36° F (20° C) instrument to grain sample
Temperature compensation:	automatic
Grain type:	whole grain, no sample preparation
Sample size:	1 pint (0.47 L)
Display:	LCD (106 x 56 pixels)
Analyzer height:*	11.9 in (30.2 cm)
Analyzer width:*	4.8 in (12.2 cm)
Analyzer depth:*	8.3 in (21.1 cm)
Weight (total):	2 lbs 7 oz (1.1 kg)
Measured parameters:	moisture, grain temperature and test weight **
Calibrations:	20 grain calibrations (choose from over 450 calibrations that are available)

Moisture Measurement Specifications

Moisture accuracy:	calibrations are based on U.S. federal standard grain calibrations
Moisture repeatability:	0.2% moisture, depending on grain type, in commercial trade range, typical
Moisture resolution:	0.1% moisture

Grain Temperature Measurement Specification

Accuracy:	1.0° F or 0.5° C
Temperature resolution	0.1° F or 0.1° C

Test Weight Specifications**

Repeatability:	0.5 lb/bu (0.6 kg/h) in commercial trade range, depending on grain type
Test weight resolution:	0.1 lb/bu (kg/hl)

Other Specifications

Operating temperature:	40 - 113° F (5 - 45° C)
Humidity:	5 - 95% non-condensing
Power:	9 VDC battery (installed)

* Measured with loader/striker in carrying position.

** Test weight specifications apply to the mini GAC *plus* only.