



## GAC<sup>®</sup> 500 XT Portable Moisture Tester

The GAC<sup>®</sup> 500 XT gives you the power of high-quality testing right on your farm.

Analyze your grain for moisture, temperature, and test weight in the field, at the bin, or anywhere on the farm with this compact, cost-effective unit.

### Accurate and Consistent

Get fast, accurate, consistent results with the push of a button with the GAC<sup>®</sup> 500 XT. It provides  $\pm 0.2$  moisture repeatability (depending on application) on crops including cereals, oilseeds, grass seeds, vegetable seeds, and beans.

### Flexible

Designed for versatility, the GAC<sup>®</sup> 500 XT works for a variety of grains and farm uses. It stores up to 16 calibrations. To install additional calibrations, simply download the files from the DICKEY-john web site. You can choose from more than 450 grain and product calibrations. And it's even preloaded with 10 languages. Other languages are also available.

For your convenience, the GAC<sup>®</sup> 500 XT offers a choice of power sources: 110/220 volt, DC converter, or cigarette lighter.

### Easy to Use

The GAC<sup>®</sup> 500 XT delivers the fastest, most convenient on-farm moisture testing you'll find. Simply choose your grain, load the hopper, and press a button. Semi-automatic loading means there's no need to level samples. The GAC<sup>®</sup> 500 XT features a serial printer port. A suitable strip printer is available from DICKEY-john.

### Backed by the Power of DICKEY-john

When you buy the GAC<sup>®</sup> 500 XT, you get all this plus the dependability and reliability 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. We manufacture our products, ensuring total quality control. We're ISO 9001 certified.



### Features

- Moisture repeatability:  $\pm 0.2\%$
- Large variety of calibrations available
- Measurement and display of test weight and temperature
- Semi-automatic load of the grain and automated measurement procedure
- Integrated calibration and automatic temperature correction of humidity measurement
- Serial printer port
- Compact and handy design allows measurements in the field, at the bin, or anywhere on the farm

### Measured Parameters

- Humidity
- Test weight
- Temperature



**DICKEY-john<sup>®</sup>**  
CORPORATION

*Revolutionizing Electronics*

# GAC<sup>®</sup> 500 XT Portable Moisture Tester



## Unbeatable Accuracy

Whether you're harvesting, marketing, or drying grain, precision moisture testing is a key factor. For accuracy you can't beat, choose the GAC<sup>®</sup> 500 XT!

## Specifications

Measurement method: capacitance, conductance, Internal scale

Moisture range: 5-45% (depending on grain calibrations)

Grain temperature: 32-122° F (0-50°C)

Temperature difference: 36°F (20°C) instrument to grain sample

Temperature compensation: automatic

Moisture repeatability: ±0.2% (depending on application)

Moisture resolution: 0.1% moisture

Grain sample: whole grain

Sample size: 250 g (approx. for cereal grains)

Display: LCD (128 × 64 pixels)

Dimensions: (H × W × D)  
13.5" × 10.25" × 13.75"  
(34.5 cm × 26.5 cm × 35 cm)

Weight: 13 lbs. (5.78 kg)

Integrated printer port: RS-232, serial format, optional strip printer available

Measured parameters: moisture, test weight, temperature

Calibrations: 16, user defined

## Installation Requirements

Operating temperature: 41-113°F (5-45°C)

Humidity: 5-95% non-condensing

Power supply:

Wall mount adapter, 90-264 VAC, 47-63 Hz, 0.4 A  
max 6 V vehicle adapter, 12-24 VDC



Your distributor:

**Ron n**  
Grain Management Solutions

25 High Street, P.O. Box 556, Modderfontein, 1645

Tel: +27 (0)11 606 2194 Fax: +27 (0)11 606 3189

Mail: [office@roningms.com](mailto:office@roningms.com)

Web: [www.roningms.com](http://www.roningms.com)

DICKEY-john Corporation reserves the right to make changes to dimensions, technical specifications and other information without further notice.

 **DICKEY-john**<sup>®</sup>  
CORPORATION  
Revolutionizing Electronics

**DICKEY-john Europe S.A.S.:** 165 Boulevard de Valmy, 92700 Colombes, France  
[info@dickey-john.eu](mailto:info@dickey-john.eu), [www.dickey-john.eu](http://www.dickey-john.eu), Phone: +33 (0)1 41 19 21 80, Fax: +33 (0)1 47 86 00 07

Rev.: 1.0  
0601