



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

# GAC2100 GI Grain Analysis Computer



## Profit from precision

If you're handling grain, you need the DICKEY-john GAC2100 GI. The GAC2100 GI is an economical, non-NTEP version of DICKEY-john's popular GAC2100 NB, which is used for official moisture measurement by USDA/FGIS, licensed FGIS agencies and most grain terminals and country elevators in the US. THE GAC2100 GI is as accurate as the GAC2100 NB, it can store up to 16 grain calibrations, and it delivers the widest grain and unit operating temperature ranges available in commercial moisture meters.

**The GAC2100 GI is fully automatic for these tasks:**

- sample weight
- temperature compensation
- moisture correction

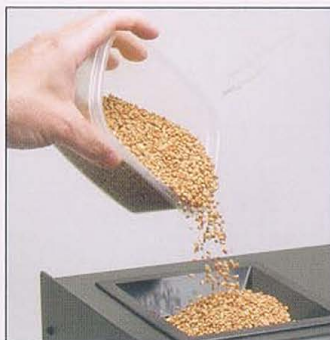
**The GAC2100 GI can handle 16 different grains, including:**

- edible beans
- cereals
- grass seeds
- oilseeds
- vegetable seeds

Operating the GAC2100 GI is a simple matter of **Selecting** the desired product to test, **Pouring** the sample into the test hopper, **Testing** the sample, and **Displaying** the results. An easy-to-read LCD displays one-button prompts to quickly and easily step the user through the entire procedure, which takes just a few seconds start to finish. Two separate RS232 ports allow test results, by sample number, to be logged to a host computer and for sample tickets to be printed. The GAC2100 GI may be programmed to test sixteen different grains, and it may be operated in eight different languages.



Select Sample



Pour Sample



Test Sample



Display Results

## Specifications

### Performance

<b>Measurement Method:</b>	Capacitance, conductance, weighing device
<b>Applications:</b>	Cereals, oilseeds, grass seeds, vegetable seeds, edible beans
<b>Measured Parameters:</b>	Moisture, temperature and specific weight
<b>Measurement Time:</b>	1.6 seconds
<b>Moisture Range:</b>	5 to 45% (depending on grain calibrations)
<b>Grain Temperature:</b>	0 to 50°C (32 to 122°F)
<b>Temperature Difference:</b>	20°C instrument to grain sample
<b>Temp. Compensation:</b>	Yes, automatic
<b>Moisture Repeatability:</b>	± 0.1% (depending on application)
<b>Moisture Resolution:</b>	0.1% moisture
<b>Grain Sample:</b>	Whole grain, pellets
<b>Sample Size:</b>	250 gr (approx. for cereal grains)

### Features

<b>Number of Calibrations:</b>	16 reprogrammable calibrations
<b>Languages:</b>	8 languages, operator selectable
<b>Display:</b>	Large LCD display 240 x 64 pixels
<b>Output:</b>	2 standard RS232 printer ports

### Installation Requirements

<b>Operating Temperature:</b>	5 to 45°C (41 to 113°F)
<b>Humidity:</b>	5 to 95% non-condensing
<b>Power Supply:</b>	85-264 VAC, 48-62 Hz at 20 VA consumption
<b>Dimensions:</b>	(H x W x D) 37,5 x 38,7 x 40,6 cm (14.75" x 15.25" x 16")
<b>Weight:</b>	11,8 kg (26 lbs)
<b>Shipping Dimensions:</b>	(H x W x D) 48,3 x 56,0 x 58,5 cm (19" x 22" x 23")
<b>Shipping Weight:</b>	16,0 kg (35.5 lbs)

