



PGA MA-1200











Stationary Moisture Analyzer

**Automated. Precise.
Built for Continuous Operation.**

The MA-1200 is Prairie Grain Analyzers' high-performance stationary moisture analyzer, designed for integration with grain dryers, elevators, and processing systems. Built for continuous operation and exceptional accuracy, the MA-1200 delivers fast, repeatable results on every sample — even in demanding environments.

Engineered with advanced high-frequency sensor technology, full automation, and connectivity options, it's the most powerful and versatile analyzer in the PGA lineup.

Key Features

-  **Fully automated operation**
continuous grain testing for stationary setups
-  **High-frequency sensor**
measures moisture deep into the kernel with $\pm 0.2\%$ accuracy
-  **7" full-color touchscreen**
with intuitive interface for simple calibration and control
-  **Built-in printer**
for instant hard copies of results
-  **Expansion ports**
USB, Ethernet, RS-232, and external printer connectivity
-  **Completely compatible with PGA's bin monitoring systems and mobile app**
-  **Measure hot or frozen grain**
(-10°C / 14°F to 71°C / 160°F)
-  **Pre-calibrated for all CGC and USDA crops**
updates available via Wi-Fi
-  **Rugged, all-metal enclosure**
built for long-term use in industrial environments
-  **Manufactured in Canada**

Technical Specifications

Parameter	Details
Dimensions	7" Color Touchscreen
Weight	$\pm 0.2\%$ Moisture
Temperature Range	-10°C to 71°C (14°F to 160°F)
Measurement Principle	High-Frequency Capacitance Sampling
Ports	USB, Ethernet, RS-232, External Printer
Power Supply	110V AC
Construction	Powder-Coated Steel and Plastic
Connectivity	Wi-Fi Enabled for Updates
Data Storage	USB and Cloud via App
Operating Conditions	5°C to 35°C (40°F to 95°F)





Benefits

- Automate grain moisture testing with real-time data output
- Save time and reduce manual testing errors
- Connect seamlessly with PGA's monitoring and fan-control systems
- Built for reliability in high-volume grain operations
- Proudly designed and manufactured in Canada

Applications

Ideal for farmers, grain dryers, elevators, processing plants, and research facilities requiring continuous, high-accuracy grain moisture measurement and automation compatibility.



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