

MINI-405 PORTABLE MOISTURE TESTER



High-frequency portable moisture tester that measures grain moisture deep into the kernel. Designed for accuracy, speed, and mobility — the Mini-405 brings professional-grade grain testing right to the field.

Suitable for all grains published by the Canadian Grain Commission (CGC) and the United States Department of Agriculture (USDA).

Moisture Measurement Specifications

- Moisture Repeatability: $\pm 0.3\%$
- Moisture Resolution: 0.1%
- Grain Temperature Range: -10°C to 66°C (14°F – 150°F)
- Measurement Principle: Capacitance Sampling
- Sample Volume: 23 in³

Technical Specifications

Parameter	Details
Dimensions	9.5 in × 5.5 in × 10 in
Weight	1.7 kg
Load Capacity	4 kg
Power Source	2 × 18650 Lithium-Ion Battery
Operating Time	5 hours continuous use
Charger	5 V 3 A
Operational Conditions	5°C – 35°C (40°F – 90°F)
Storage Conditions	Room temperature
Mobile Application	iOS & Android compatible

Special Features



Touchscreen:

4.3" color capacitive display with intuitive interface for quick navigation and crop selection.



Wi-Fi Connectivity:

Receive software and crop calibration updates automatically from anywhere.



Scale Calibration:

Includes a 200 g weight to ensure precise and repeatable measurements.



Favourite Crops:

Select up to 8 favourites to appear on the main screen for faster access.



Carrying Case:

Includes protective foam-lined case for safe transport in the field or truck.



Mobile Application:

Connect via the MA-405 App (Android / iOS) to save, view, and share up to 500 results instantly.

Supported Crops

Includes all CGC / USDA crop calibrations such as: Barley • Canola • Corn (High / Low Moisture) • Soybeans • Wheat (All Types) • Oats • Peas • Lentils • Mustard • Flaxseed • Rye • Sunflower • Triticale • Beans • Chickpeas • Rice • Hemp • Buckwheat and more

Benefits

- Portable and lightweight — perfect for field use beside the combine or auger
- Accurate grain sampling with rapid results
- Long battery life for extended operation
- Built-in thermometer and test-weight function
- Connect, store, and share results wirelessly
- Manufactured in Canada



Prairie
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