



if there's moisture.

DRYER MASTER

your trusted name





The Dryer Master M2 (Moisture Monitor)

Dryer Moisture Systems Inc. through its acquisition of the Dryer Master product line from Dantec Corporation is proud to provide a moisture measurement only solution.

Rapid advancements in micro controller technology now make this possible.

Dryer Master is now able to incorporate its sensor calibration technology in today's advanced micro controller based information displays. This allows Dryer Master to provide a low cost multi-product measurement platform with robustness and accuracy only a large volume, complete product dielectric measurement systems can achieve.

This display only solution is intended for particulates and powders in anything from sand and gravel to manufactured pellet product such as animal and pet foods as well as grains and cereals. Just about any product that can be moved past the sensor in compacted flow is measurable.

Features:

- ▶ Product moisture and product temperature displayed on the same display
- ▶ Multi-Product capable
- ▶ Base calibrations available for many products. Product analysis available
- ▶ Low voltage low power design
- ▶ Menu driven screens for product selection, product calibration and sensor setup
- ▶ Uses industry proven Dryer Master moisture measurement technology
- ▶ Stainless steel sensor, food grade polished stainless steel available

Specifications:

specifications subject to change without notice

Operating range, Display unit:

- ▶ Temperature, 0°C to + 50°C, 32°F to + 125°F
- ▶ Relative Humidity, 5% to 95% non condensing
- ▶ Nema 4

Operating range, Moisture sensor:

- ▶ Temperature, -25°C to + 60°C, -13°F to 140°F
- ▶ Relative Humidity, 5% to 95% non condensing
- ▶ Nema 4, Explosion proof and intrinsically safe models available
- ▶ Moisture range, 0.25% to 45%, product dependent
- ▶ Product temperature range -20°C to + 90°C, -4°F to + 195°F

Power requirements:

- ▶ 10 to 30 Volt DC-150mA for the Display unit
- ▶ 18 to 30 Volt DC-120 mA for the Moisture sensor
- ▶ The Moisture sensor and Display unit can be powered from the same supply
- ▶ One 4 wire instrumentation cable connects the Display to the Moisture sensor



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