

# MRDA8

POWDER AND GRANULAR MATERIAL MOISTURE METER



**QAQC LAB**

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MEASURES MOISTURE THROUGH THE SIDE OF BURLAP SACKS

## PRODUCT OVERVIEW

Extremely customizable, due to multiple options for both moisture sensitivity and penetration depth, the Model DG-9 offers flexibility and adaptability for almost any moisture application. It uses digital microcomputer circuitry to provide fast, accurate and reliable non-destructive moisture measurement for a variety of applications.

Modules range in sensitivity from low sensitivity for high moisture content to high sensitivity for low moisture content. Module 010 has the lowest sensitivity while Model 250 has the highest sensitivity.



Module	Moisture Range:
10:	20-25%
30:	15-20%
50:	10-16%
70:	7-13%
100:	6-11%
150:	4-10%
250:	0-4%

## FEATURES

- Interchangeable Sensitivity Modules: Permit more sensitivity in low moisture ranges as well as the ability to check high moisture, up to 25%, on some materials
- Needle Electrodes: Comes equipped with two rugged stainless steel needles that are each 3/16 inch (4.8 mm) in diameter and attached to a Teflon® plastic mounting block
- Thorough Calibration: Holds 100 different calibration curves that are stored in permanent memory in tables 00 through 99

## BENEFITS

- Versatility: Can test materials with a fairly constant bulk density and a consistent change of RF properties with change in moisture content. These materials include semi-solids; powdered, granular, textile materials; pliable sheets in rolls or stacks, chips, chunks or flakes
- Customizable: Seven different sensitivity modules and four different needle electrodes give a variety of options for both moisture range and penetration depth
- Electrode Sensitivity: The long needles test and average more sample and yield steeper curves. Short needles permit tests on thinner or smaller samples

## KEY SPECIFICATIONS

Moisture Range	Up to 25%
Electrode Length Options	2 in (5.1 cm); 4 in (10.2 cm); 6 in (15.2 cm); 12 in (30.5 cm)
RF Field	Up 3 inches (7.6 cm) around electrodes
Calibration Curves	100