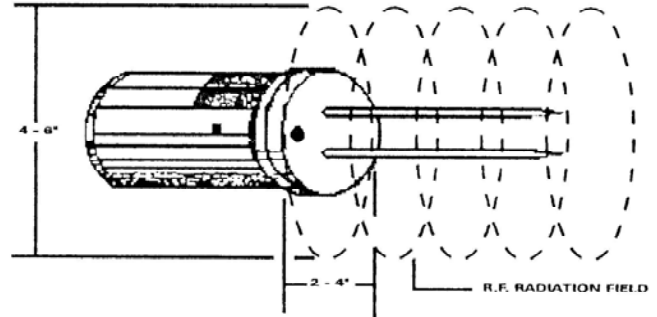


MODEL DA8 MOISTURE PROBE FOR GRANULARS AND POWDERS



The DA 8 is a battery operated, hand held moisture meter, designed for laboratory or in plant test conditions. The DA8 can test materials with a fairly constant bulk density and consistent change of radio frequency properties, with change in moisture content, including semisolids, powdered, granular, or textile materials. Unlike most capacitance based analyzers, the DA8 works well on non hygroscopic materials as well as



What makes the G9 different?

The use of solid state sensitivity modules gives the DA8 a uniquely broad moisture range capability. The modules permit more sensitivity in low moisture ranges, as well as the ability to check high moisture content of up to 80% on some materials.



Operating on the patented radio frequency power loss absorption principle, the DA8 projects an RF Field in to the test area. The RF Field extends approximately three inches from the electrode needles. Any material containing moisture will absorb part of this current and cause a change in the meter readings. The meter reading is converted in to moisture content by referring to a calibration curve established for the material being tested.

The needle electrode assembly consists of two 3/16th" tapered stainless steel needles, positioned 3/4 inch apart.

Longer needles test and average more sample, and yield steeper calibration curves. Five different sizes are available.

depending on the most suitable configuration for the application.

2 INCH

4 INCH

6 INCH

12 INCH

5/16th INCH



The electrodes may be inserted in to a sample, or the sample may be poured on top of the probes, by using a small sample cup, with two holes in the bottom of it for the electrodes to fit through. This is desirable if insertion in to the sample causes changes in the packing density.

MODULE SENSITIVITY

450 LOW MOISTURE APPLICATIONS

400

250

150

100

070

050

040

030

025

020

010

HIGH MOISTURE APPLICATIONS



QAQC LAB

www.qclabequipment.com