



The Humboldt HS-5001EZ Nuclear Density Gauge—easy is just the beginning

- Menu-driven operation—direct readings in engineering units
- AA batteries eliminate charging—6-12 month battery life
- Easy operation handle with positive latch
- Modular design simplifies repairs

EZ does it.

Soil— Field

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Moisture/Density Gauge— HS-5001EZ081

Measures to 8" (200mm) depth in 1" (25mm) increments.

Moisture/Density Gauge— HS-5001EZ082

Measures to 8" (200mm) depth in 2" (50mm) increments.

Moisture/Density Gauge— HS-5001EZ121

Measures to 12" (300mm) depth in 1" (25mm) increments.

Moisture/Density Gauge— HS-5001EZ122

Measures to 12" (300mm) depth in 2" (50mm) increments.

Humboldt's HS-5001EZ Moisture/Density Gauge is just that— easy. Easy to operate, easy to power and easy to service. The EZ gauge features a menu-driven control panel with easy-to-use, built-in test routines and auto features, making testing a quick and accurate operation. It also features our innovative trigger release handle that eliminates pinched fingers while providing smooth operation.

Available in 8" (200mm) and 12" (300mm) lengths with either 1" (25mm) or 2" (50mm) increments, the EZ gauge provides a single gauge solution to density and moisture measurements.

The EZ's versatility allows it to measure density through direct transmission and backscatter modes, as well as including thin lift and trench modes, as well as moisture determinations. The gauge uses an advanced micro-processor-based technology to provide highly-accurate measurements of density and moisture that are automatically computed for direct readouts of wet density, dry density, moisture content, percent of moisture, percent of compaction (Proctor or Marshall), void ratio and air voids.

The EZ Gauge complies with all pertinent standards: ASTM D6938, D2950, C1040 and AASHTO T310.

The gauge is calibrated by the Five-block calibration method.



Easy to Operate—

Humboldt's HS-5001EZ Moisture/Density Gauge is just that— easy to operate. The EZ gauge features a menu-driven control panel with easy-to-use, built-in test routines and auto features, making testing a quick and accurate operation.

Easy to Power—

The EZ is powered by six standard AA alkaline batteries, which provide up to 2000 hrs of service. No chargers are needed and you can buy batteries almost anywhere, including the corner convenience store.

Easy to Service—

The EZ gauge also uses a modular design, which allows it to be serviced in the field, if ever necessary. With this gauge, you don't have to send it back to the factory for repairs, we'll send you the necessary components and walk you through any repair procedure.