

RAPID MOISTURE METER-WITH PRESSURE GAUGE

Product Description

The Rapid Moisture Meter with Pressure Gauge is a portable testing instrument used for the quick and reliable determination of moisture content in soil and other construction materials. It works on the carbide method, where the sample reacts with calcium carbide and generates pressure proportional to the moisture present. The pressure gauge provides a direct moisture-content reading for rapid on-site testing.

Application/uses

- Moisture testing of soil at construction sites
- Quality control in road and building construction
- Testing of aggregates and construction materials
- Field testing for earthwork and compaction
- Civil engineering laboratories and geotechnical applications
- Quick moisture assessment before further material processing or testing



- **Moisture Range: 0–50%**

Accessories

- Pressure vessel with clamp for sealing cap
- Rubber sealing gasket
- Pressure gauge calibrated in percentage moisture content: 0–50% × 1% on wet weight basis
- Counter-poised balance for weighing sample
- Scoop for measuring carbide reagent
- One bottle of reagent
- One cleaning brush
- Set of 4 steel balls for thorough mixing:
- 3 × 12.5 mm dia.
- 1 × 25 mm dia.

Description	Details
Product Name	RAPID MOISTURE METER-WITH PRESSURE GAUGE
Model Number	LWMM-50PG
Pressure Vessel	Pressure vessel with clamp for sealing cap
Sealing	Rubber sealing gasket
Pressure Gauge	Calibrated in percentage moisture content: 0–50% × 1% on the wet weight basis
Balance	Counter-poised balance for weighing sample
Scoop	Scoop for measuring carbide reagent
Reagent	One bottle of reagent
Cleaning Brush	One cleaning brush
Steel Balls	Set of 4 steel balls: 3 of 12.5 mm dia. and 1 of 25 mm dia. for thorough mixing
Overall Dimensions	375 × 390 × 130 (L × W × D) mm
Net weight (in kg)	5.5 kg