



ELECTRICAL DENSITY GAUGE (EDG)

Standard: ASTM D7698

Soil Moisture & Density

Technical Specifications :

Model	NL 5032 X / 001
Soil Compaction Range	Standard field compaction range
Test Range Depth	30 cm
Control Device	Compact steel case with touch screen
Soil Sensor Probe	Internal Built-In
Data Transfer	USB Port or Bluetooth (Optional)
GPS Accuracy	3 meters (optional)
Wet Density Range	Typical Compacted Earth Sites Range
Dry Density Range	Within 3% of standard tests
Moisture Content Range	Typical Compacted Earth Sites Range
Moisture Content Accuracy	Within 2 % of standard tests
Operating Temperature	0 - 50 °C
Ambient Operating Humidity	5 - 90 %, non-condensing
Power	Li Ion Battery (AAA Battery Optional)
Battery Life	Approx. 20 Hours
Battery Charger	240 V 50/60Hz
Case Dimensions	420(L) x 330(W) x 220(H) mm
Weight	5.5 kg

The Electrical Density Gauge (EDG) is a nuclear-free alternative for determining the moisture and density of compacted soils used in road beds and foundations. The EDG is a portable, battery-powered instrument capable of being used anywhere without the concerns and regulations associated with nuclear safety. Its user-friendly, step by step menu guides the user through each step of the testing procedure and cautions the user when values do not correspond to established curves for the material being tested.

Unit Consists Of :

Model Number	Description	Qty
NL 5032 X / 001 - P001	Touch Screen Control Device	1 unit
NL 5032 X / 001 - P002	Dart Template	1 pc.
NL 5032 X / 001 - P003	6" Darts (4 pcs/set)	1 set.
NL 5032 X / 001 - P004	Temperature Probe	1 set.
NL 5032 X / 001 - P005	Hammer	1 no.
NL 5032 X / 001 - P006	Soil Sensor and Cables	1 set.
NL 5032 X / 001 - P007	Solid Waterproof Carry Case	1 unit

*1 copy of manual instruction