

ASPHALT DENSITY GAUGE (NON-NUCLEAR)

Standard: ASTM D7113; AASTHO T 243-12

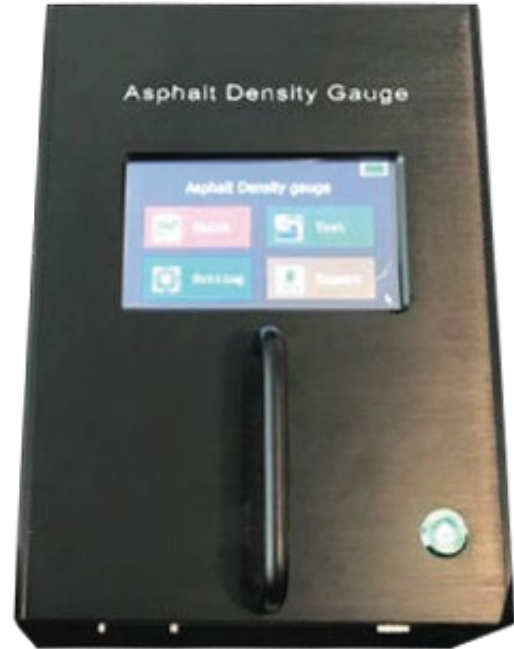
The density of asphalt pavement is directly proportional to the measured dielectric constant of the material. edg-2a uses electrical waves to measure dielectric constant using an innovative, toroidal electrical sensing field established by the sensing plate. the electronics in the edg-2a convert the field signals into material density readings and displays the results. Once calibrated, direct density readings can be consistently obtained.

EDG-2A can be used in three different measurement or run modes, respectively:

- Single reading mode continuous reading mode
- Average reading mode
- Single reading time less than five (5) seconds.
- Average averages five (5) readings and stores data including date and time.
- Stores thousands of records continuous instantaneous density readings.
- Segregation identifies variations in material density associated with segregation.

Features:

- No radioactive materials or special license required
- Light weight and easy to use
- 24 hours of portable operation
- Measures density in common units (Kg./M3)
- Measures for asphalt temperature
- Stores 4000 readings on internal Data Logger



Technical Specifications :

Model Number	NL 2028X / 001
Temperature Detection	0°C to 350°C
Sensing Area	11-inch Diameter
Max. Measurement Depth	110 mm
Measurement Display	Density % Compaction, Surface Temperature, Mix Name & Project Name
Battery	2.5 Ah NiMH, 12V (recharge time 4 hours)
Battery Charger	12V / 1000mA Universal AC Charge
Dimension	490(L) x 220(W) x 390(H) mm
Weight	9 kg

Unit Consists Of :

Model Number	Parts Description	Qty
NL 2028 X / 001 - P 001	Storage Case	1 unit
NL 2028 X / 001 - P 002	EDG-2A Unit	1no.
NL 2028 X / 001 - P 003	Battery Charger (220V / 50Hz)	1no.
NL 2028 X / 001 - P 004	USB Data Cable	1no.



*1 copy of manual instruction