

## A ROCK SOLID APPROACH FOR NON-NUCLEAR DENSITY MEASUREMENTS

The InstroTek NoNuke™ is a non-nuclear density gauge that offers system error warnings, and advanced measurement technology resulting in accurate and precise density and percent compaction measurements.

The NoNuke's advanced systems include **Moisture Warning**, along with a number of other **System Checks**, which notify the user of potential issues and help eliminate outside factors that can negatively affect the readings. A large backlit LCD screen and alphanumeric keypad make it easy to enter data, view results and navigate menu options day or night.

The NoNuke offers 2GB of internal storage space and USB or Bluetooth connectivity to the NoNuke Mobile App. Using any Android Smartphone or tablet, users can collect data, view test results, and create reports. Rechargeable NiMetal Hydride batteries power the unit for up to 40 hours of operation. The QuickTest button located on top of the gauge handle makes it easy to take repetitive readings. **Go to the Next Level Go NoNuke!**

### FEATURES

- ▶ Meets and exceeds the requirement of **ASTM D7113 and AASHTO T343**
- ▶ Daily Gauge functionality check
- ▶ Pavement moisture warning
- ▶ Project storage for up to 25 Mixes with GPS location
- ▶ Mobile App reporting for any Android Smartphone or Tablet
- ▶ GPS for precise measurement location
- ▶ Latest Software updates via USB flash drive
- ▶ 2GB of Internal Storage for Easily Reviewing and managing project data in the gauge
- ▶ Predetermined calibration routines for accurate density results



# NONUKE™

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### SPECIFICATIONS

#### ELECTRICAL AND SOFTWARE

LCD Display	Easy to read 4x20 character LCD with backlight
Project Storage	Stores up to 25 mixes and projects
Data Logging	Log data to USB storage
Reports	Downloadable via USB or Bluetooth
Location	GPS for precise location data
Remote Software Updates	Quickly update software by USB (No need to send gauge back to manufacturer)
File Storage	2GB of storage
Data Management	Easy review, delete or download of projects
Time And Date	Setup time and date
Units	Density (g/cm <sup>3</sup> , kg/m <sup>3</sup> , lb/ft <sup>3</sup> Temp (°C, °F), Aggregate Size (mm, in)
User Access Input	<b>1.</b> Target density for % Compaction <b>2.</b> Aggregate size (or Mix Info) <b>3.</b> Manual (density) offset
Moisture Warning	When moisture presence is suspected
Power	6 AA Rechargeable NiMetal Hydride
Battery Life	20-40 Hours, Depending on Usage

#### MEASUREMENTS

Measurement Modes	Single point and multiple reading average mode
Precision at 142 lb/ft <sup>3</sup> (2.275 g/cm <sup>3</sup> )	±0.13 lb/ft <sup>3</sup> (±0.002 g/cm <sup>3</sup> )
Displayed Parameters	Density, % Compaction, Surface Temperature, and Project ID
Measurement Area	9" diameter
Depth of Measurement	Surface to 2 inches (50 mm)
Quick Count Button	Button on Handle

#### OPERATING TEMPERATURE

Ambient	-10 to 70°C (14 to 158°F)
Surface	170°C (338°F)
Storage Temperature	-70 to 185°F (-55 to 85°C)
Humidity	98% non-condensing environment, advance sealing of boards for improved moisture resistance

#### SHIPPING

Gauge Height	14.5 inches (37 cm)
Gauge Base	16 x 10.5 inches (41 x 27 cm)
Weight	19 lb (8.6 Kg)
Shipping Weight in Case	60 lb (25.4 Kg)
Shipping Dimensions	19.5 x 19.5 x 19.5 inches (49.5 x 49.5 x 49.5 cm)