

# NON-NUCLEAR ASPHALT DENSITY GAUGE EDG-A200

- 7.0 in full color graphics driven user interface, touch screen operation, easy to use.
- New status bar feature, displays GPS status, data save status, available battery voltage, low battery status and date and time
- New data management feature, quickly access, download or delete your project data
- Ability to download files from the EDG-A200 via USB drive
- Fast, reliable, accurate material density and compaction test, and repeatable readings in real time, user friendly, cost effective
- No other method of calibration is required, and on-site testing can be performed directly. The data can be read accurately in 5 seconds, with higher precision and better stability.
- Non-Nuclear means no badges, licenses or storage and transport concerns



**SINCE 2006**

**ZHUOZHOU TIANPENG INSTRUMENT MANUFACTURING CO., LTD.**  
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# NON-NUCLEAR ASPHALT DENSITY GAUGE EDG-A200

## OPERATIONAL SPECIFICATIONS

### MODES

**Single:** Reading time less than five (5) seconds. Stores Data.

**Average:** Averages five (5) readings and stores data including date and time.

**Continuous:** Instantaneous density readings.

### FUNCTIONS

Density, % Compaction

Porosity %

Integrated Temperature Sensing: Real time temperature display 0 °C to 350 °C

### CALIBRATION MODES

**Normal:** Correlation offset to cores.

## MEASUREMENT SPECIFICATIONS

**Sensing Area:** 260mm diameter base allows optimum measurement on fine and coarse material types.

**Measurement Depth:** 300mm

**Measurement Display:** Density, % Compaction, Surface Temperature, Mix Name & Project Name

## MECHANICAL SPECIFICATIONS

**Host Net Weight** 3.25kg

**Host Dimensions** 260mm×260mm×237mm

## ELECTRICAL SPECIFICATIONS

### MICROPROCESSOR CONTROLLED

**Battery:** 13200mAh ternary lithium battery

**Recharge Time:** >15h

**Battery charger:** DC5V 2A

**Computer Ports:** 1 USB Port

## WARRANTY

**Standard:** 12 month

## OPERATIONAL FEATURES

**Status Bar:** Displays GPS status, Data Save status, battery voltage, low battery and date and time

**Storage:** Built-in 512M memory, stores up to 40000 project measurement points with details, and up to 200 models

**Data Logging:** When enabled, stores all measurements taken in single or average modes, **(Status Bar Icon)**

**Reports:** Easily download data to be imported into Excel

**GPS Control:** When activated will display latitude and longitude positions, number of satellites the gauge is connected to as well as the UTC date and time, also available in UTM format. GPS information will store with each measurement when **Data Save** and **GPS feature** is enabled, **(Status Bar Icon)**

**Update Software:** One touch upload of new software using a USB memory stick

**Data Management:** Quickly access, download or delete your project data

**Set Time & Date:** Quick time and date setup, MM/DD/YY and DD/MM/YY formats

**Units:** Interchangeable settings for Density (kg/m<sup>3</sup>, lb/ft<sup>3</sup>), Temp (°C, °F), Depth (in, mm) and Stone Size (in, mm)

**Enhanced Customer Support:** Diagnostic screen to aid in factory support

**User Programmable Target Density:** Used for calculating % compaction

## EDG-A200 COMPLIES WITH



**D7113-05**



**T 343-12**



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