

# HİRA TESTING EQUIPMENT

## NON-NUCLEAR ASPHALT DENSITY GAUGE

STANDARDS: ASTM D 7113-05, AASHTO T 343-12

### OPERATIONAL FEATURES:

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

**Project Details:** Stores up to 10 projects with details

**Mix Details:** Stores up to 20 mixes, details include (MTD, Mix Name, Stone Size, Depth Offset, Operator Name)

**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)

**Calculator:** Built in four function calculator

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

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

### GENERAL FEATURES:

- New status bar feature, displays GPS status, data save status, available battery voltage, low battery status and date and time
- Measures density in common units (kg/m<sup>3</sup>), and can measure the asphalt temperature
- New data management feature, you can store 4000 readings on the internal data logger, quickly access, download or delete your project data
- Ability to download files from the EDG-A via USB drive
- Fast, reliable, accurate and repeatable readings in real time, user friendly, cost effective
- Non-Nuclear means no badges, licenses or storage and transport concerns

### TECHNICAL SPECIFICATIONS:

#### MODES

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

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

**Continuous:** Instantaneous density readings.



HR-AS0980

## FUNCTIONS

**Density:** % Compaction

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

## CALIBRATION MODES

**Normal:** Correlation offset to cores.

## MEASUREMENT SPECIFICATIONS:

**Sensing Area:** 11 in. (27.9cm) diameter base allows optimum measurement on fine and coarse material types.

**Measurement Depth:** 110 mm

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

## ELECTRICAL SPECIFICATIONS:

Microprocessor Controlled

**Battery:** 2.5 Amp-hr NiMH, 12V

**Recharge Time:** 4 hours

**Battery charger:** 12V Universal AC charge

**Computer Ports:** 1 USB Port

## Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-AS0980	Non-Nuclear Asphalt Density Gauge	49x22x39	9

## NON-NUCLEAR ASPHALT DENSITY GAUGE, TOUCH SCREEN

STANDARDS: ASTM D 7113-05, AASHTO T 343-12

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**Mix Details:** Stores up to 20 mixes, details include (MTD, Mix Name, Stone Size, Depth Offset, Operator Name)

**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)

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



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