

NON-NUCLEAR SOIL DENSITY GAUGE EDG-S200

- ◎ 7.0 in full color graphics driven user interface, touch screen operation, easy to use.
- ◎ New status bar, displays GPS status, data save status, available battery voltage, low battery status and date and time
- ◎ New data management, quickly access, download or delete your project data
- ◎ Ability to download files from the EDG-S200 via USB drive
- ◎ Fast, reliable, accurate material density and compaction test, and repeatable readings in real time, user friendly, cost effective
- ◎ No additional calibration is required and field testing can be performed directly. Users only need to input the corresponding data to create the soil model before use.
- ◎ 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 SOIL DENSITY GAUGE EDG-S200

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

Wet & Dry Density, % Compaction, % Moisture

SOIL SPECIFICATIONS

Designed to operate with standard soils used in civil construction projects.

Requires inputs from standard

Standard Test Methods for Liquid Limit,

Plastic Limit, and Plasticity Index of Soils (ASTM D4318)

Particle Size Distribution (ASTM D422)

Proctor Test (ASTM D698 and D1557)

Operating Temperature: -7°C~43°C with temperature compensation

MEASUREMENT SPECIFICATIONS

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

Measurement Depth: 50~300mm

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

Battery life: >15h

Battery Charger: DC5V 2A

Computer Ports: 1 USB Port

WARRANTY

Standard: 12 month

Calibration template

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 soil 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/m³, lb/ft³), Temp (°C, °F), Depth (in, mm) and Stone Size (in, mm)

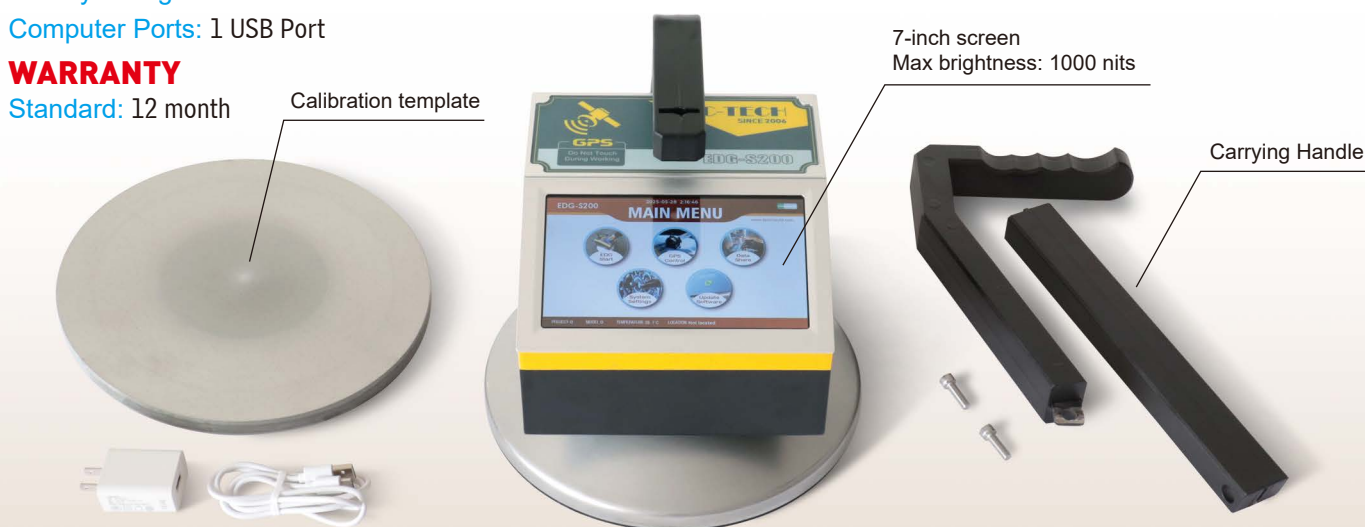
Enhanced Customer Support: Diagnostic screen to aid in factory support

User Programmable Target Density: Used for calculating % compaction

EDG-S200 COMPLIES WITH



D7830



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