

Asphalt Non-Nuclear Electrical Density Gauge(EDG) Model:TBTEDG-1A



Nanjing T-Bota Scietech Instruments & Equipment Co., Ltd.

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➤ Introduction

TBTEDG-1A Non-Nuclear Asphalt Density Gauge is a portable non-destructive pavement quality indicator. It is mainly used to read the density of asphalt materials in new pavement(include upper, middle and lower layers of pavement structure layer). It is also suitable for old asphalt pavement with no pollution, smooth surface and loose surface.

➤ Feature

- 1.Fast and accurate material density and compaction test.
- 2.The use of non-nuclear technology means exemptions from licensing, service charges or security considerations.
- 3.You can read the data accurately in three seconds.
- 4.Touch screen operation, light and easy operation.
5. Measuring Density in Universal Units (g./cm³ or kg/m³).
6. Higher precision and better stability.
- 7.Using U disc to copy the data directly.

➤ Technical Specification

Operating temp.	0℃~70℃
Measuring depth	Standard 20~120mm, Max 30cm
Measuring time	≤3 seconds
Display content	Density/compaction/porosity/temperature and humidity
Temperature sensor	0~350℃
Accuracy	1~2%
Detection area	Diameter 15cm
Data	10,000 data can be stored in internal ROM; 32G storage support 1,000,000pcs
Built-in detection & calibration function	Accurate results obtained under various temp. & humidity conditions

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Main unit dimension	Around 230*170*60mm
Displayer	With 5.1inch touch screen
Power supply	12V/2.6Ah Li-battery which can use continuously for approx. 24hrs
Interface	USB, U disc can transmit data directly or upgrade internal software
Calibration	No need to do coring calibration, can test directly
Built-in measurement correction(compensation) function for accurate results under various temp. & humidity conditions	

➤ Real Pictures for Reference



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