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INSTRUMENTOS DE MEDICIÓN INDUSTRIAL

Retrorreflectómetro para señales de tráfico NT-TBTTSR1

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TBTTSR-1 Retroreflectometer For Traffic Signs

The Retroreflectometer is a portable, rechargeable battery-powered precision measuring instrument for the determination of night visibility (coefficient of retroreflection RA and R') of traffic signs and safety garments, with quite good performance;

ASTM 1709 《 Test Method for Measurement of Retroreflective Signs》 ;



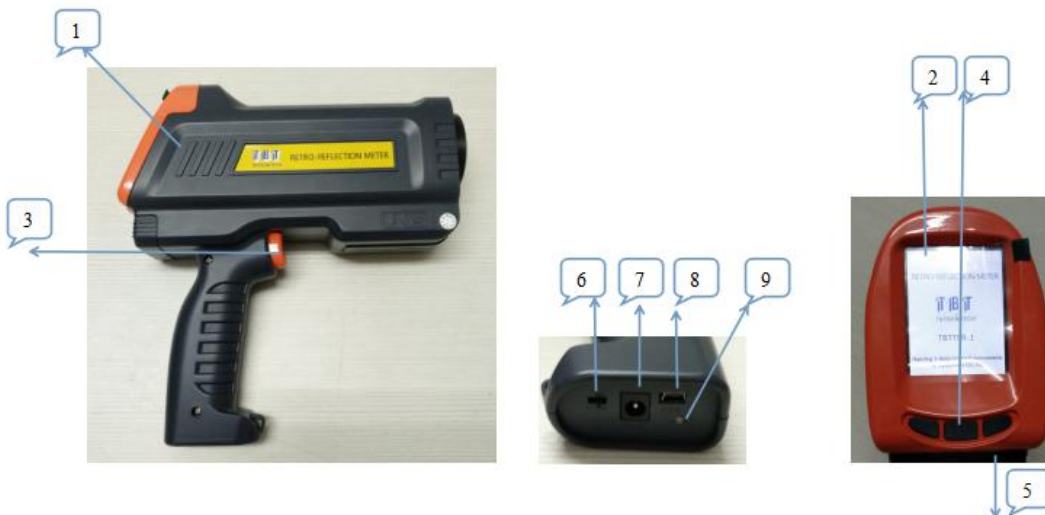
I. Main technical features

1. Advanced optical measurement system.
2. High-bright LCD Display to show the measured data.
3. Parameter, date, time, testing site and other system information can be preset.
4. Reset and adjust measurement standard automatically.
5. Automatic verification zero and calibration measurement standard.
6. Input system: handwriting or using soft keyboard.
7. Support storing more than 99,999 test data information, including, measurement data, operator, road section information and testing time, etc.;
8. Intelligent standby management. Turn off the display system when you stop operate the detector.
9. Support 8G SD card data storage and support data storage in Excel format, and the data can be exported to the computer through U disk;
10. Low illumination and high sensitive photoelectric measuring device.
11. High precision and stability analog data acquisition and A/D converting circuit.
12. Low power consumption and high reliability main control unit and calculate system.
13. Battery is permitted to replace by new ones in short time.
14. Standby Charging is allowed.

II. Main technical specifications

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1. Testing term: Retro reflectance($\text{cd}/\text{lx}/\text{m}^2$)
 2. Testing range: 0—1999
 3. Entrance angle: -4° Or 5°
 4. Observation angle: 0.2° , 0.33° , 0.5° , Or 1°
 5. Illumination: Standard illuminant A
 6. Testing spot diameter: 32mm
 7. Indication error: $\leq 2\%$
 8. Standby time: $>8\text{h}$
 9. Built-in power capacity: 2000mA.h
 10. Data storage space: 8GB
 11. Charge Voltage: DC5V
 12. Operating Temperature: $-10\sim 60^\circ\text{C}$
 13. Operating Humidity: $<95\%\text{RH}$ non-condensing
 14. Size: $200\times 230\times 70\text{MM}$ (L×H×W)
 15. Weight: 1.5kg

III. Main Components of Products



1. Main Body
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2. Display Screen
 3. Switch (starts the inspection and wake up the system while the detector is in stand-by mode).
 4. Press Keys
 5. Battery Box
 6. Power Switch
 7. Charging Interface
 8. USB Interface
 9. Charging Indicator Light



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