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INSTRUMENTOS DE MEDICIÓN INDUSTRIAL

Retrorreflectómetro para señalización vial NT-TBTRMR1

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TBTRMR-1 Retroreflectometer For Road Markings

TBTRMR-1 Road Marking Retroreflectometer is a portable on-site measuring instrument, used for measuring the retroreflection characteristic of road marking.

This instrument is to simulate the brightness of road marking that can be seen by the driver under the illumination of motor vehicles at night, and the measured parameter is the coefficient of retrorefection brightness at night, namely, RL value.

Standard of EN 1436 and ASTM E 1710

I. Main technical features

- 1.Support rapid measurement (Measure the value of the retroreflective coefficient within 3 seconds);
2. Support simple calibration procedure;
3. Large battery capacity, super long standby, quick charging;
4. Support high brightness LCD transparent touch screen and the operative interface can be seen clearly under illumination;
5. Support multiple measurements to calculate the average;
6. Support storing more than 99,999 test data information, including, measurement data, operator, road section information and testing time, etc.;
7. 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;
8. Support real-time broadcast of measured data;
9. Support locking on-site detection data and directly print out testing results on site through the printer;
10. Enter Chinese character, English and characters with touch buttonboard;
11. Support real-time display of on-site temperature and humidity;

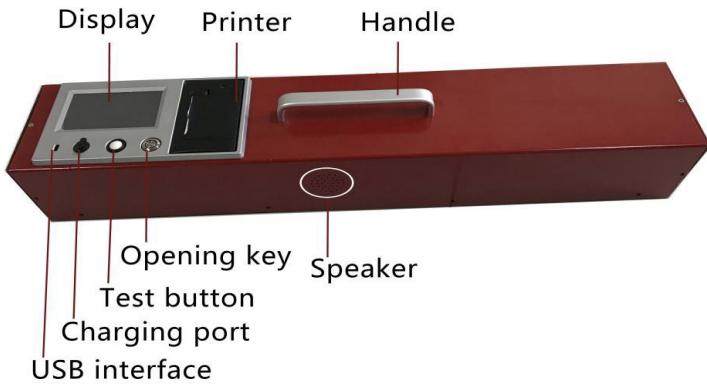


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- 12. Open English menu operation mode to foreign customers;
 - 13. Support smart standby management and the system automatically enters sleep state when there is no operation;
 - 14. Portable instrument; Small/light;
 - 15. Under the same on-site measurement environment, support one-off calibration of all colors before testing without respectively calibrating different colors each time.

II. Main technical specifications

Measurement items:	retroreflective coefficient ($\text{mcd}\cdot\text{m}^{-2}\cdot\text{lx}^{-1}$)
Measurement range:	0---4000
Observation angle:	1.05°
Angle of incidence:	88.76°, Complementary angle is 1.24°
Light source color temperature:	2856±50K
Measuring aperture area:	340mm x 95mm
Error of repeatable measurement:	≤3%
Continuous working time of battery:	>72h
Data storage space:	8GB
Built-in battery capacity:	13Ah
Charger:	DC 8.4V
Ambient temperature:	-15°C~+60°C
Ambient humidity:	<98%, no frost
Instrument size:	700mm x 135mm x 115mm

III. Main Components of Products





Printing report



Solid Alum. Case packing

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