

Product Name :
Multi-Angle Traffic Signs Retroreflectometer

Product Code :
TEST5127RFQLAB-0006



Description :

Multi-Angle Traffic Signs Retroreflectometer

Technical Specification :

Portable multi-angle detector for measuring night visible photometric properties (coefficient of retroreflection RA and R') of retroreflective materials on spot. It is a convenient instrument used to test traffic signs for highway, railway, aviation or reflective markings on trucks, to ensure retroreflective markings meet the requirements of relevant standards.

Main features:

LED backlight, high definition true color digital screen display.

Data storage: 4GB, display test data & time.

5 inch touch operation panel, switchable LCD color screen showing temperature & humidity simultaneously.

With functions of parameters verification, auto zero, data storage, deletion and query.

Available for Multiple incident angles and multiple observation angles.

Main Specifications:

Observation angle (?): 0.2 °, 0.5 °, 1 ° (standard configuration)

Illumination angle (?): -4 °, 15 °, 30 ° (standard configuration)

Measuring sensor adaption: V(?)

Measuring area: Ø25mm

Measuring range: 0?3000 cd·lx·1·m⁻²

Repeatability: ±2%

Reproducibility: $\pm 5\%$
Measuring time: $\approx 3s$
Illumination: $2856K \pm 50K$ (sensor system integrates human eye response and A light source requirements of of CIE).
Detector: Silicon diode
Imported photoelectric sensor
Data storage: 4GB, >100,000 measurements
Screen: 5-inch LCD touch screen
Display test results of multiple observation angles at the same time
Automatically determine test data qualified or not.
Quick swift window, integrated portable, lightweight aluminum alloy housing.
Power supply: lithium battery powered 14.4V / 6.5Ah chargeable 220V 50Hz, DC15A.
Working temperature $-15^{\circ} \sim +50^{\circ}$, humidity 95%, no condensation
Net weight is 1.9kg, packing weight: 10KG.
Dimension: 108*216*328mm
Packing size: 560*270*510mm
Standard packing accessories:
3 calibration standards
2 front panel (15° , 30°)
1 Battery charger
1 USB cable

We are a leading manufacturers of Multi-Angle Traffic Signs Retroreflectometer testing equipment for a range of industries, including materials science testing lab. We offer full range of Multi-Angle Traffic Signs Retroreflectometer testing equipment, including Multi-Angle Traffic Signs Retroreflectometer testing kit, Multi-Angle Traffic Signs Retroreflectometer testing machine, Multi-Angle Traffic Signs Retroreflectometer testing tools, Multi-Angle Traffic Signs Retroreflectometer test equipment, Multi-Angle Traffic Signs Retroreflectometer test machines, Multi-Angle Traffic Signs Retroreflectometer for Lab Testing Instruments. We are suppliers of materials testing tools and equipment for the construction industry. Our mission is to provide reliable, accurate, and easy-to-use Multi-Angle Traffic Signs Retroreflectometer testing equipment that helps customers build better, safer, and more sustainable infrastructure.



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