

**Product Name :**  
Multi-Angle Traffic Signs Retroreflectometer

**Product Code :**  
CHINAELABC4820006



**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: ±5%

Measuring time: ? 3s

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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 ? ~ + 50 ?, 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



**Engineering Lab China**