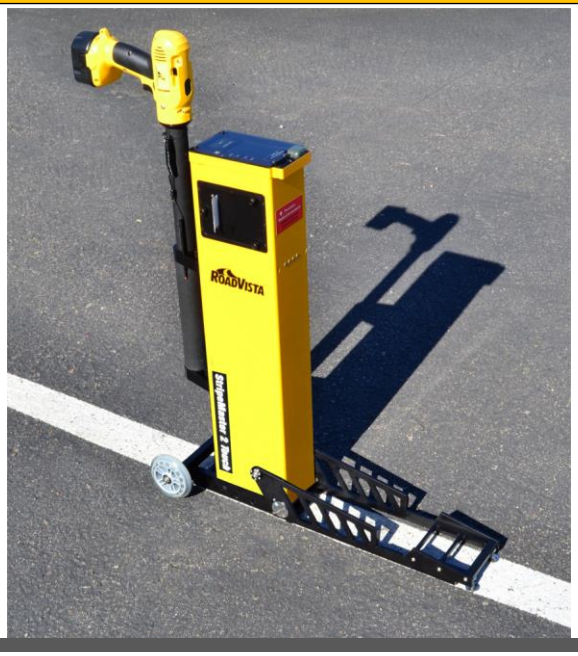
StripeMaster® 2 Touch Pavement Marking Retroreflectometer



Agencies and contractors require a rapid and efficient way to verify the retroreflectivity of pavement markings and manage pavement marking assets. The StripeMaster® 2 Touch is a highly reliable, field-proven tool for safe and consistent asset management with minimal operator training.

Through a simple place, shoot, read, and record process, the system provides an all-in-one pavement marking asset management system.

An intuitive, touch-screen interface leads to faster measurement times and the retroreflectometer features easy data export for comprehensive documentation and tracking. Uploading collected data to a computer is easy with USB or Bluetooth connectivity.

Reliability & Accuracy in a Field-Proven Platform

Safe Workers & Motorists

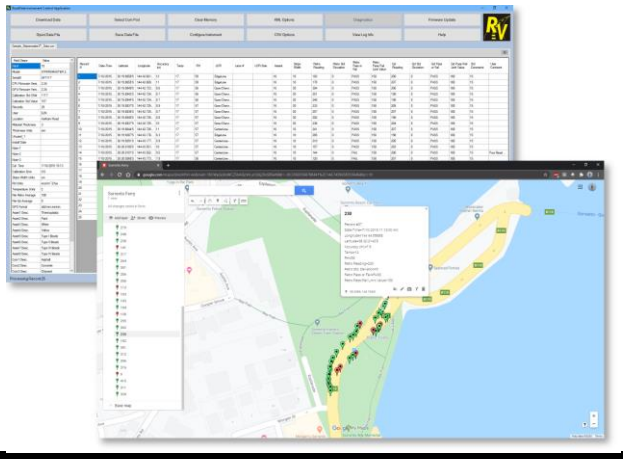
- 4-position safety swivel handle allows operation from the safest direction
- Reduces a worker's time in-roadway, while offering a zero-error method of determining retroreflectivity values

Simple Setup & Use

- Removable wheels & retractable stabilizer bar for compact storage
- Built-in GPS and printer for immediate on-site records
- Full asset management tool with data fields to enter additional information about the pavement markings, including Pass/Fail criteria.
- Includes easy-to-use software for data management - create tabular data reports, KML and Shape files for easy visualization and GIS management
- Included swappable battery pack, charger & calibration standard
- Measurements are made in <0.2 seconds and can be made in both wet and dry conditions under any ambient lighting, day or night

Robust, Reliable and Field-Proven

- Ruggedized light source, & commercial-grade rechargeable battery
- Full color touch screen with weather shield
- Housed in a compact & durable, field-proven casing
- Measures both flat and profiled markings up to 0.59 inches (15 mm)



GAMMA SCIENTIFIC
contact@roadvista.com | +1.858.279.6044 | www.roadvista.com

StripeMaster® Touch Series Retroreflectometer

Data Parameters

- Measures retroreflectivity R_L per ASTM E1710 and EN1436
- Measures daylight visibility Qd per ASTM E2302 and EN1436
- Measures night-time retroreflected CIE chromaticity per ASTM D6628 and EN1436
- Measures retroreflectivity in continuous wetting (rain) per ASTM E2832
- Measures retroreflectivity in wet conditions per ASTM E2177
- Records GPS coordinates with each measurement utilizing 56-Channel WAAS-, EGNOS-, MSAS- enabled for <2.5 meter position fix uncertainty.
- Optional averaging of multiple measurements
- Custom file information for storing job name / type / user
- Extensive measurement range for accurate low to high precision range
- Large memory capacity to accommodate large projects between data downloads
- USB computer interface for data transfer and instrument configuration
- Data integration software compatible with Excel and Google Maps
- Calibration certification
- Temperature and humidity recorded with each measurement
- User customized data fields – location on road, install date, material type, etc.
- User customized settings for pass / fail criteria

Design Parameters

- Built-in printer for on-site paper records as required
- 4-position swivel handle for operation from any direction
- Retractable magnetic stabilizer bar for easy storage
- Quick change battery charger
- Color touch screen interface
- Certified calibration block for easy and fast field calibration
- Durable carrying case for storage and transport
- Accurately measures all industry standard colors
- Bluetooth interface for wireless operation
- 18-volt rechargeable, 3.3 Ah industry-standard battery
- Spare 18-volt rechargeable, 3.3 Ah industry-standard battery pack

General Specifications

Detector Responsivity	Photopic response in accordance with ASTM E1710 paragraph 6.3.2
R_L Range (mcd/m²/lx)	0 to 3,500
Entrance angle	88.76° per ASTM E1710
Illumination angle	1.24° per EN1436
Observation angle	1.05° per ASTM E1710
Observation angle	2.29° per EN1436
Illumination Area	2.4in. x 7.9in. (6cm x 20cm); 19 sq-in (120cm²)
Profiled marking measurement	Up to 0.59-in (15 mm)
Measurement Time	<0.2 sec
Charger Options	100-240 VAC, 50-60 Hz mains wall charger; 12 VDC cigarette lighter
Data Memory	25,000 measurements
Computer Interface	USB & Bluetooth
Operating Temperature	0° to 50° C (32° to 122° F)
Operating Humidity	0 to 95% non-condensing
Dimensions	37-in (93 cm) L x 10.5-in (27 cm) W x 4.4-in (11 cm) H including battery
Weight	Instrument: 18.4 lbs (8.4 kg); Battery Pack: 1.45 lbs (0.66 kg); Wheel Assembly: 1.10 lbs (0.5 kg)

Rev 22.1.4
Specifications are subject to change without notice.

GAMMA SCIENTIFIC
San Diego, CA. USA | +1.858.279.6044 | www.roadvista.com