

Model 1200F Handheld Retroreflectometer for RRPM's

PRODUCT SUMMARY

The RoadVista model 1200F is the next generation retroreflectometer designed for use in field measurements of Raised Retroreflective Pavement Markers. It is designed to measure the retroreflection (R_r) of all RRPM's.

The lightweight 1200F has an RS-232C interface that allows data to be downloaded into any traffic inventory system.

Based on the successful MX-30 Stripemaster design, the 1200F is designed for quick and easy measurements with the touch of a button. The instrument is lightweight and comes with wheels to make the measurement process a breeze. An internal GPS and printer come standard allowing the field user to quickly verify the data. Measurements can be made in 0.2 seconds and the instrument is ready for the next measurement in less than 2 seconds. This means the user spends less time on the road, which increases worker safety.

The internal memory will store up to 10,000 measurements before downloading to a computer. The data transfer is simple with our data-logging software. The 1200F connects to any standard computer using an RS-232C interface.

The 1200F has an internal GPS and printer. This allows the field user to quickly verify the data printout. The user can also plot the data on a clickable and printable map to quickly identify problem areas that need attention using our mapping software.

All 1200F's come with standards calibrated in our world-class photometric lab. The calibration is directly traceable to the American national standards lab, and the equipment used is held to the level of accuracy to ensure compliance with ANSI/NCSS Z540-1-1994.



FEATURES

- *Measures all types of raised pavement markers with a single measurement*
- *Meets ASTM, CIE & DIN specifications*
- *Light weight for easy handling*
- *Top mounted LCD for direct view of readings*
- *World-class photopic-corrected detector and source "A"*
- *Stores up to 10,000 data points*
- *Self-contained commercially available battery*
- *Built-in GPS*
- *Built-in thermal printer*
- *RS-232C Computer Interface*
- *Foam-lined carrying case*
- *Graphical Mapping Software*

ROADVISTA

8581 Aero Drive San Diego, CA 92123
Toll Free within USA 1-888-637-2758 Outside USA +1-858-279-6044 Fax +1-858-576-9286

Website: www.RoadVista.com

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SPECIFICATIONS

Geometry	ASTM E1696
Entrance Angle	0 degrees
Observation Angle	0.2 degrees (model 1200F) 0.3 degrees (model 1200FE)
Light Source angular subtense	0.1 degrees
Receiver angular subtense	0.1 degrees
Field of Measurement	5 x 1.2 inches (125 x 30 mm)
Specifications	
Range (cd/lx)	0-2000
Data Memory	~10,000 measurements
Computer Interface	RS-232C
Power Supply	removeable 12 VDC, 2.4 Ah Ni-Cd battery (DeWalt P/N DC9071)
Charger	Standard 110 VAC / 60 Hz Optional 220 VAC / 50 Hz Optional 12 VDC with cigarette lighter adaptor
Operating Temperature	0°C to 50°C (32°F to 122°F)
Operating Humidity	0 to 95% non-condensing
Dimensions	
Length	Approx. 10.5 inches (267 mm)
Width	Approx 6.5 inches (165 mm)
Height	Approx 37 inches (940 mm)
Weight	Approx 23 lbs (10.5 kg) with battery
Additional Options	
Spare Battery	Annual Calibration Service



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