

Model 1200F Portable RPM Retroreflectometer

PRODUCT SUMMARY

The new 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_p) of all RPMs.

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.

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. Our mapping software allows the user to plot the data on a clickable and printable map to quickly identify problem areas that need attention.



FEATURES

- Measures all types of retroreflective materials 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



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Website: www.RoadVista.com

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SPECIFICATIONS

Geometry		ASTM E1696
Entrance Angle		0 degrees
Observation Angle		0.2 degrees 0.3 degrees European Version
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		Removable 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 90% non-condensing
Dimensions		
Length		Approx. 10.5 inches (267 mm)*
Width		Approx. 6.5 inches (165 mm)*
Height		Approx. 3.7 inches (94 mm)*
Weight		Approx. 23 lbs (10.5 kg) with battery*
Additional Options		
Spare Battery		

*NOTE: Preliminary Specifications



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