

Portable gloss meter

RM-3D



The RM-3D is a portable 45° glossmeter powered by either AC or DC. *In-situ* measurement becomes easy by using the instrument with the handle-switch pattern, which allows the instrument to be held in one hand. Using the RM-3D glossmeter, nearly error-free measurement is possible for not only plane mirrors, but also curved mirrors with radius a >100mm. By changing the adapters used on the measurement window, relatively thick second surface (rear-coated) mirrors can also be measured.

Applications

- Measuring the reflectance for curved mirrors of glass, plastics or metal
- Plane mirrors or curved mirrors; second-surface mirrors.
- Managing the reflectance of processed metal surfaces
- Deterioration management of curved mirrors

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Specifications

illuminating and Viewing condition	Irradiation at 45°and Viewing at 45°
Measured area	8×10mm ellipse
Viewing window	Total 3 kinds including Front surface mirror and rear surface mirror
Spectral sensitivity	Approximating to the combination of the illuminant C and CIE standard photometric observer
Light source	Tungsten lamp 5V
Receptor	Silicon photodiode
Display	LCD digital panel meter(Full scale 199.9)
Power requirement	100V AC, 50/60Hz, 0.5A Built-in DC battery 12V(Running time: 10 hours or longer)
Dimensions	Sensor unit: L82×W254×H240mm Power source unit& storage box for Display unit: L170×W300×H240 mm
Weight	Approx.7kgs total including battery recharger

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