

Handy Gloss Meter

PG-1 / PG-1M



Compact, light-weight, battery-operated and simple operation.
It conforms to the gloss standards of JIS, ISO, ASTM and DIN.
You can measure three angles (20°, 60° and 85°) instantaneously only by this instrument (PG-1M).

Features

1. Functions such as storing, saving, inputting, referencing, and statistical calculation of the measured data are provided as a standard.
2. No warming-up time is required and it has one-touch operation to set a gloss reference value, average the measured values, and save your data.
3. This model automatically covers a wide range of 0 to 2,000 gloss.
4. Remote control is possible using an RS-232C interface and a gloss meter can be used as a sensor.

Specifications

Dimensions	L 150mm x D 49mm x H 80mm		Measuring angle	• PG-1 : 20°, 45°, 60°, 75°, 85° (to be selected) • PG-1M : 3 angles of 20°, 60°, 85°
Weight	Approx. 420g (without batteries)		Related standards	JIS Z 8741, ISO 2818, ISO 7668
Power supply	Alkaline dry battery 9V x 1		Measurement accuracy	• ±1GU (reproducibility : 0.0 to 199.9) • ±10GU (reproducibility : 200 to 2,000)
Power consumption	825mW (maximum)		Option	• RS-232C interface cable • Printer, etc.
Light source	Tungsten lamp 5V 125mA			
Measuring items	GU, ∠GU			
Measuring range	0 to 2,000 Gloss Unit (GU), with automatic range selection			
Measuring area	20° : 10.0mm x 10.6mm 75° : 7.0mm x 27.0mm 45° : 10.0mm x 14.1mm 85° : 10.0mm x 40.1mm 60° : 10.0mm x 20.0mm			