

PCE Americas Inc.
711 Commerce Way
Suite 8
Jupiter
FL-33458
USA
From outside US: +1
Tel: (561) 320-9162
Fax: (561) 320-9176
info@pce-americas.com

PCE Instruments UK Ltd.
Units 12/13
Southpoint Business Park
Ensign way
Hampshire / Southampton
United Kingdom, SO31 4RF
From outside UK: +44
Tel: (0) 2380 98703 0
Fax: (0) 2380 98703 0
info@pce-instruments.com

www.pce-instruments.com/english www.pce-instruments.com

## **Technical Gloss Meter PCE-GM 100**

## for determining gloss and specular gloss with measurement points of 20°, 60° and 85° (selectable)

The PCE-GM 100 gloss meter is used for measuring flat surfaces and operates on the principles of refraction. Its solid design and the practical dimensions of the gloss meter makes it perfect for measuring in situ and in production facilities. Calibrations are done easily using the calibration standard that comes included with the device. An optional ISO laboratory calibration and certification can be acquired. Thanks to the three measurement points, the device is ideal for almost all surfaces. It very easy to use.

- Very easy to use
- Meets the following standards: ISO 2813, GB 9754-88 / GB 9966.5
- Electronic using a micro controller
- Thanks to the three measurement points, the device is ideal for almost all surfaces.

## **Technical specifications**

Measurement range0.0 to 200 gloss unitsResolution0.1 gloss unitsAccuracy±1.2 gloss unitsRepeatability±0.4 gloss units

Calibration / recalibration automatic using a standard which comes included

Type of light

Measurement points selectable from 20°, 60° to 85°

Dimensions of calibration standard 95 x 40mm

Display 10mm high LCD

Detector silicon photodiode

Measurement surface 11 x 54mm

Operating conditions 0 to  $40^{\circ}\text{C}$  / 85% r.h.

Power 1.5V battery

Dimensions 145 x 38 x 80mm

Weight 330g

## **Delivery Contents**

- 1 x PCE-GM 100 gloss meter
- 1 x gloss standard
- 1 x battery
- 1 x carrying case
- 1 x cleaning cloth
- 1 x user's manual