

Microprocessor controlled  
gloss meter

**PicoGloss 500 MC**



Microprocessor controlled gloss meter

- ISO 2813
- ASTM D 523
- DIN 67 530
- BS 3900: D5
- JIS Z 8741
- NF T 30-064

**PicoSoft**

Data measuring and evaluating software

# PicoGloss 500 MC Microprocessor controlled gloss meter

## Layout and measuring principle

The PicoGloss 500 MC is intended for the measurement of gloss on level surfaces and uses the principle of a reflectometer.

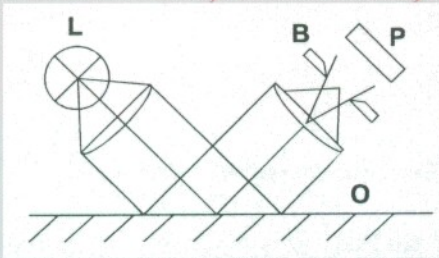


Figure 1: Measuring principle

L = Light source      B = Diaphragm  
O = Specimen surface      P = Photocell

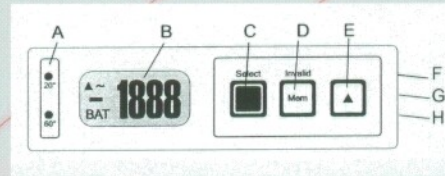


Figure 2: Control panel

The operating controls are on the top side of the instrument:

- A: Geometry indicator
- B: 3 1/2 digit LCD
- C: Measuring and geometry change-over key
- D: Memory mode key
- E: Shift key

On the side of the instrument are:

- F: Mains connection via charging unit
- G: LED for charge monitoring
- H: 9-pole socket for connecting to a PC

## Technical data

- Measuring value display: 3 1/2 digit LCD
- Measuring geometry: choice of either 20° and/or 60°
- Light type, choice of either:
  - Light type A (DIN 67 530) or
  - Light type C (ISO 2813)
- Power supply: rechargeable battery
- Dimensions: (W x D x H) 136 x 42 x 78 mm
- Net weight: 0.5 kg

## Ordering information

Ord.-No.	Product name
0184.04.31	PicoGloss 500 MC-60°, light type C
0184.06.31	PicoGloss 500 MC-20/60°, light type C
The supply includes:	
High gloss standard	
Plug-in charging unit (charging unit for the battery)	
Plastic carrying case	
Operating instruction	

## Accessories (optional)

- Standards
- Zero standard
  - Mirror gloss standard
  - Medium gloss standard 20°
  - Medium gloss standard 60°
- computer cable with 9- or 25-pole sub D plug (please specify when ordering)

## Special features

- Micro processor electronics
- Gloss measurement in the range 0.0-150.0 gloss units
- Mirror gloss measurements from 150-1999 gloss units with autoranging facility
- Automatic calibration
- Measuring data memory for 500 measured values in up to 99 batches
- RS 232 Interface for data transmission and control for the instrument via PC with software PicoSoft

## PicoSoft

The data measuring and evaluation software PicoSoft allows, under Microsoft Windows (from version 3.1 onwards):

- Read out from the data memory
- On line measurement under PC control
- Archiving of measurements in Borland-Paradox 4.0 data bank format
- Numeric and graphic statistical evaluation of measuring data and
- Print-out and export of data to other data formats to produce measurement protocols

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