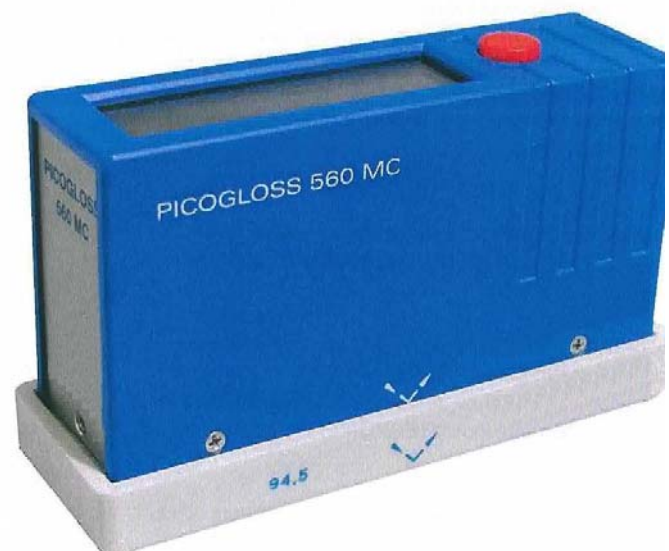


**PICOGLOSS
MODEL
560 MC**

**Extremely small,
convenient Gloss
Measuring Device.**

**Integrated Mirror-gloss
Measurement**

**Calibration with only
one Standard**



CO.FO.ME.GRA.

Testing Equipment for Quality management

**Automatic
change-over
of Mirror-Gloss**

**60° Measuring
Geometry
3 Measuring Modes**

**EN ISO 2813
DIN 67530
ISO 7668
ASTM D 523**

THE PRODUCT

Model 560 MC - Picogloss CO.FO.ME.GRA. can be used in several industrial sectors.

DESIGN

The **PICOGLOSS 560 MC** is one of the smallest portable gloss-measuring devices ever designed. It is so compact that you can hold it in a pocket and for this reason it is ideal for on site use. The universal 60° measuring geometry and the automatic change-over of mirror-gloss make this instrument suitable for a wide range of applications.

Because of the compact dimensions of the measuring instrument and the measuring aperture, gloss measurements can be carried out without difficulty even on small or narrow specimens as well as in places which are not easily accessible.

SPECIAL FEATURES

• Handling

Single-key operations make gloss measurements extremely easy and comfortable. The reading remains stored on the display for 30 seconds and is then switched off automatically to save batteries. However, the last measured value is preserved and is shown in the display when the instrument is switched on again.

• Display

In addition to the measuring and calibrating values, the high-contrast LC display also shows messages and information.

• Calibration

The **PICOGLOSS 560 MC** requires only one calibrating standard for normal two-position calibration. After key pressure the calibration routine runs automatically. The calibration value is stored inside a memory (EPROM).

• 60° Gloss measurement

Specific for gloss measurements on lacquers and plastics in the range 0 –150 gloss units.

• Mirror Gloss measurement

Mirror.gloss measurements can be carried out on metal surfaces in the range up to 1999 gloss units. There is an automatic change-over of the measuring range at 0-150 and 150-1999 gloss units.

• Detection of external light

The effect of external light can be determined by conducting measurements with the lamp switched off.

• USB interface

The measured data can be transferred to a PC by means of a USB cable, supplied and evaluated using the software **PICOSOFT II**.

• Power supply

The **PICOGLOSS 560 MC** is operated by a round cell, the capacity of which is adequate for at least 10.000 measurements. When using a PC, the power supply is taken over by the USB interface.

Subject to technical modifications.
Gr. 17 - TBE-560 MC - VIII/2007

REFERENCE CLASS:

The **PICOGLOSS 560 MC** is supplied with a Manufacturer's Certificate M in accordance with DIN 55 350-18 that includes among others the following information:

Actual and setting values of the gloss standards, product identification, test equipment used with calibration status, date, name of inspector.

In the range up to 100 gloss units, the linearity is checked by means of 4 gloss standards (the maximum deviation possible is 1 gloss unit).

TECHNICAL DATA

Dimensions (L X W X H):	105 mm x 31 mm x 59 mm.
Peso netto:	200 gr.
Measuring aperture:	10 mm x 24 mm.
Measuring spot:	8 mm x 16 mm.
Measuring geometry:	60°
Detector:	Si photo-cell
Display:	8-digit LCD (digit height 11,5 mm.)
PC interface:	USB
Power supply:	1 round cell (LR03)
Battery life:	10.000 measurements
Storage temperature range:	from -10°C to +60°C
Operational (non-dewy) temp. range:	from +15°C a +40°C
Reproducibility:	0,2 GU in the range from 0 to 150 GU 0,5 GU in the range from 150 to 1999 GU

Reproducibility
in case of interfering irradiation (EN 61000-4-3): 1 GU

Order Information

Code	Product description
0248.01.31	PICOGLOSS 560 MC

Included in the scope of supply:

- High-Gloss Standard
- Battery (round cell LR03)
- USB cable
- Lens cloth
- Carrying case
- Operating instructions

Accessories / Spares

Code	Product description
0735.01.32	Mirror-Gloss Standard
0736.01.32	Medium-Gloss Standard
0718.01.32	High-Gloss Standard
	PICOSOFT II

