



Gloss Meter GlossTector 20°60°85° Plus

The GlossTector 20°60°85° Plus gloss meter measures the gloss of surfaces and coating films. It complies with the ISO 2813, ISO 7668, ASTM D523 and ASTM D2457 standards. The device features three measuring angles (20°, 60°, 85°) and is suitable for use in industry, quality control and research.

Features

- One-touch gloss measurement
- Three measuring angles: 20°, 60° and 85° in accordance with ISO 2813
- Selectable angle groups – individually, in pairs, or all three angles
- User-friendly LCD display interface
- Large data memory: > 900 measurements or 30 groups (3-angle mode)
- Four measuring modes: Basic, Samples, Statistics, Continuous
- Statistical functions: mean, min., max., difference, range
- Retrieval and management of stored measurement data
- Automatic self-calibration on power-up
- Bluetooth communication for wireless data transfer
- USB communication and PC evaluation software
- SD card (optional) for extended data storage
- Low battery and memory full indicators
- Auto power-off (adjustable, default 15 min.)
- Compact and ergonomic design

Main Applications

- Decorative materials: marble, granite, ceramics, polished stone
- Coatings: paints, varnishes, printing inks
- Automotive industry and leather processing
- Wood products, plastics and paper

Scope of Delivery

- GlossTector 20°60°85° handheld device
- Calibration plate (high-gloss standard)
- 4× AA batteries (1.5 V)
- USB cable
- User manual
- Protective pouch

Optional Accessories

- PC evaluation software with communication cable
- SD card for extended data storage
- Bluetooth adapter
- Calibration service / factory calibration certificate

Technical Data

Measuring angles	20°, 60°, 85°
Measuring range – low range	(20°) 0.0 – 120 GU (60°) 0.0 – 120 GU (85°) 0.0 – 120 GU
Measuring range – high range	(20°) 120 – 2000 GU (60°) 120 – 1000 GU (85°) 120 – 160 GU
Measuring spot	(20°) 10×10 mm (60°) 9×15 mm (85°) 5×38 mm
Resolution	0.1 GU (low range) / 1 GU (high range)
Repeatability	0.2 GU / 0.2%
Reproducibility	0.5 GU / 0.5%
Accuracy	±1.5 GU / ±1.5%
Zero-point deviation	0.2 GU
Standards	ISO 2813, ISO 7668, ASTM D523, ASTM D2457
Operating temperature	10 – 40 °C
Storage temperature	-10 – 70 °C
Relative humidity	up to 85%
Power supply	4× AA batteries (5 V, rechargeable or alkaline)
Dimensions	164 × 58 × 88 mm
Net weight	520 g

Subject to technical changes.