

# Gloss measuring instrument

## *Highlight of the measuring technology*

*easy and quick calibration*

*handy design and robust casing for a long service life*

*stable optics which does not need to be replaced*



# GlossTector<sup>®</sup>

*One-angle all-purpose or three-angle design*

One-angle all-purpose or three-angle design.  
**Gloss Tector**® instruments are small hand-held instruments for gloss measuring; light, handy and robust.



# Gloss Tector®

## Highlight of the measuring technology

Specifications	Gloss Tector 60°	Gloss Tector 60° plus	Gloss Tector 20° 60° 85°
(GU = Gloss-Units)			
Measuring head/ Geometry:	60°	60°	20°, 60° and 85°
Measuring range:	0 - 199,9 GU	L: 0 - 199,9 GU H: 0 - 1999 GU	0 - 199,9 GU 20°: > 70 60°: 30 - 70 GU (according to ISO 2813) or 10 - 70 GU (according to ASTM D 523) 85°: < 30 GU
Measuring precision:	up to ± 1,0 GU	L: ± 1,2 GU H: ± 12 GU	up to ± 1,5 GU
Measure opening:	13 x 26 mm (Ø = 13 mm)	13 x 26 mm (Ø = 13 mm)	20°: 10 x 10 mm 60°: 10 x 20 mm (Ø = 10 mm) 85°: 7 x 24 mm (Ø = 7 mm)
Measuring surface:	20 x 40 mm	20 x 40 mm	11 x 54 mm
Stability:	up to ± 0,4 GU	up to ± 0,4 GU	up to ± 0,4 GU
Dimension:	114 x 32 x 64 mm	11 x 54 mm	11 x 54 mm
Weight of device with Battery:	280 g	300 g	340 g
Weight of complete measuring case:	740 g	760 g	800 g
Standards:	EN ISO 2813, DIN 67530, ISO 7668, ASTM D 523		
Figure height:	10 mm		
Standard light type:	A		
Detector:	Silicon photo sensor		
Spectral evaluation:	V (L) approximated		
Ambient temprature:	0°C to 40°C		
Relative air humidity:	below 85%		
Battery:	1 x 1,5 V alkaline battery		
Operating time:	up to 60 hours or 10.000 Measurements		

These instruments can be supplied in one and three-angle design.  
 The **Gloss Tector**® 60° is equipped with a universal angle of 60° and determines universal and normal gloss levels.  
 The **Gloss Tector**® 20°-60°-85° determines – depending on its setting – the respective levels for high gloss, universal, normal or dull gloss.  
 New! **Gloss Tector**® 60° plus:  
 High gloss measurements on metallic surfaces, mirrors and glas can be simply activated with a switch. The easy handling and calibration ensure quick operational readiness for different demands in the production flow and labratory.

### Powerful down to the smallest detail

- ⇓ determination of the gloss levels from dull to mirror gloss
- ⇓ easy and quick calibration
- ⇓ measurement display with good stability characteristics
- ⇓ high repeat accuracy
- ⇓ stable optics which does not need to be replaced
- ⇓ handy design and robust casing for a long service life
- ⇓ standard calibration disks from quartz crystal ensure high-precision calibration with high accuracy
- ⇓ battery-operated independent from mains battery warning display
- ⇓ calibration based on only one standard

### Application

- ⇓ Gloss measurement of colors and surfaces on automobile vehicles, electronic equipment or musical instruments
- ⇓ Gloss mesuermert on floorboards, marble, granite and tiles in the architecutre and decor industries
- ⇓ Gloss measurement of ink and paper in the printing industry
- ⇓ Gloss measurement of hard aluminum alloys
- ⇓ Mainly used in the coating industry



Certified according to ISO EN 9001

### Standard delivery range

- ⇓ GlossTector 60°/ GlossTector 60°plus/ GlossTector 20° 60° 85°
- ⇓ High gloss standard (black)
- ⇓ Measuring disk white
- ⇓ Duster
- ⇓ Battery
- ⇓ Service bag
- ⇓ Certificate
- ⇓ Users manual



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**GVJT Systems, Mumbai**  
 www.gvjtsystems.com  
 Email: mpk@gvjtsystems.com  
 Mobile: +91 93218 35107

D-50226 Frechen · Dr.-Gottfried-Cremer-Allee 30/7  
 Tel.: +49 (0) 22 34 / 99 99 96 0  
 Fax.: +49 (0) 22 34 / 99 99 96 2  
 info@salutron.de · www.salutron.de