

# IGT Gloss Meters

## Quality control and research



The IGT Gloss Meter G60 is designed and manufactured in accordance with ISO 2813, ASTM D2457 and ASTM D523. The IGT G75 is designed and manufactured with reference to TAPPI T480 om-2009 and ISO 8254-1.

The IGT Gloss Meter G268-F2 is designed and manufactured according to ISO 2813 and is also compatible with the standards of ASTM D523 and ASTM D2457.

The IGT G75 uses a converging beam and is used to measure the specular gloss of paper and paperboard at 75°. It is especially suitable for low- to moderate-gloss, coated and uncoated papers and low- to moderate-gloss ink films. The device is easy to operate and an excellent tool for small and medium enterprises in the graphic arts and printing industry. The IGT Gloss Meter G268 is able to do measurements in 3 different angles: 20°, 60° and 85°.

### DESCRIPTION

The IGT Gloss Meter G60 is a handheld device to measure gloss values under a 60° angle; the G75 is a version for the 75° TAPPI method. The devices come with a holder that includes a calibration tile that is used as working standard for each individual device. The IGT Gloss Meter G268 is able to do measurements in 3 different angles in one measurement. All three angles can be selected simultaneously but a measurement in just one or two angles is also possible.

### IGT offers 3 different types of Gloss Meter:

- IGT Gloss Meter G60
- IGT Gloss Meter G75
- IGT Gloss Meter G268

# IGT Gloss Meters

## Excellent reproducibility

### TECHNICAL DATA

#### Applications

To measure gloss on:

- Coatings and polished surfaces such as paints, varnishes, printing ink
- Printed and unprinted matter such as paper, board, plastic, foils etc according to ISO12647
- Decorative materials such as marble, granite
- Materials such as plastic, wood ware, ceramic

#### Features

- Small, stable and light-weight
- Easy to operate
- AA size alkaline or rechargeable battery
- The G75 and G268 come with software and can easily be connected to a PC
- Comes with holder which contains a calibration tile

#### Specifications

	Units	IGTG60	IGT G75	IGT G268
Display range	GU	0-199,9		0-2000
Measuring range	GU	0-199,9		0-2000
Resolution	GU	± 0,1	± 0,1	± 0,1
Accuracy	GU	± 1,5	± 1,5	± 1,5
Measuring Area	mm <sup>2</sup>	10...0	70	9x1019x1619x39
Incidence Angle	°	60°	75°	20° I 60° I 85°
Dimensions (L x H x W)	mm <sup>3</sup>	123 x 65 x 38	150 X 48 X 75	155 X 48 X 75
Weight	g	300	400	400
Power Supply	V	1,2-1,5 (AA size battery)		

### Agent

## IGT Testing Systems

Research, development and production of testing equipment for the printing and allied industries

IGT Testing Systems  
P.O. Box 22022  
1302 CA Almere  
The Netherlands  
Phone : +31 20 409 9300  
Fax : +31 20 409 9339  
E-mail : [info@igt.nl](mailto:info@igt.nl)  
Internet.: [www.igt.nl](http://www.igt.nl)

IGT Testing Systems, Inc.  
Arlington Center  
543 West Golf Road  
Arlington Heights IL 60005  
USA  
Phone : +1 847 952 2448  
Fax : +1 847 952 2449  
E-mail : [usa@igt.nl](mailto:usa@igt.nl)

IGT Testing Systems Pte. Ltd.  
Print Media Hub  
61 Tai Seng Ave #05-14  
Singapore 534167  
Phone : +65 6481 8993  
Fax : +65 6481 9685  
E-mail : [singapore@igt.nl](mailto:singapore@igt.nl)  
Internet : [www.igt.com.sg](http://www.igt.com.sg)

IGT Testing Systems KK  
1229-1, Mawatashi  
Sakura-shi  
Chiba-ken 285-0804  
Japan  
Phone : +81 (0)43 308 7302  
Fax : +81 (0)43 308 7304  
E-mail : [japan@igt.nl](mailto:japan@igt.nl)