

# IGT Testing Systems

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

## IGT Gloss Meter MG6 – F1



### Introduction

The IGT Gloss Meter is designed and manufactured in accordance with ISO2813, ASTM D2457, ASTM D523 and GB9754, GB/T13891, GB7706 and GB8807. The model G75 is in accordance with ISOxxx and TAPPI xxx

### Description

The IGT Gloss Meter is a handheld device to measure gloss values under a 60 degree angle, the MG75 is a version for the 75 degree angle TAPPI method. The devices come with a holder that includes a calibration tile that is used as the working standard for each individual device.

Before starting to use the gloss meter, it should be placed into the holder to calibrate the measuring values. By turning the calibration knob on top of the gloss meter, the calibration value can be set according to the value that is indicated in the holder. After calibration the measurements can be started by placing the gloss meter on the material that should be measured.

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## Applications

To measure gloss of :

- Coatings and polished surfaces
- Printed and unprinted matter such as paper, plastic, foils etc
- Decorative materials such as marble, granite etc
- Materials such as plastic, woodenware, ceramic etc

## Features

- Small, stable and light weight
- Simple to use
- Single cell
- Ease in operation
- AA size alkali battery or rechargeable

## Technical specification

### IGT Gloss Meter MG6-F1 and MG75

Specifications	Unit	IGT MG6-F1	IGT MG75
Reading range	GU	0-199,9	
Measuring range	GU	0-150,0	
Resolution	GU	± 0,1	± 0,1
Deviation	GU	± 1,5	± 1,5
Measuring Area	Mm	20 x 10	20 x 10
Incidence Angle	Deg.	60 °	75 °
Dimensions	Mm	123 x 65 x 38 (L x H x W)	
Weight	G	300	300
Power Supply	V	1,2-1,5 (AA size battery)	
Power consumption	Hrs	Approx 58	Approx 58

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**The Netherlands**   **Singapore**  
+31 20 4099300   +65 6481 8993  
[www.igt.nl](http://www.igt.nl)   [info@igt.nl](mailto:info@igt.nl)   [Singapore@igt.nl](mailto:Singapore@igt.nl)

**Japan**  
+ 81 43 483 1795  
[japan@igt.nl](mailto:japan@igt.nl)

**US**  
+1 847 952 2448  
[us@igt.nl](mailto:us@igt.nl)

