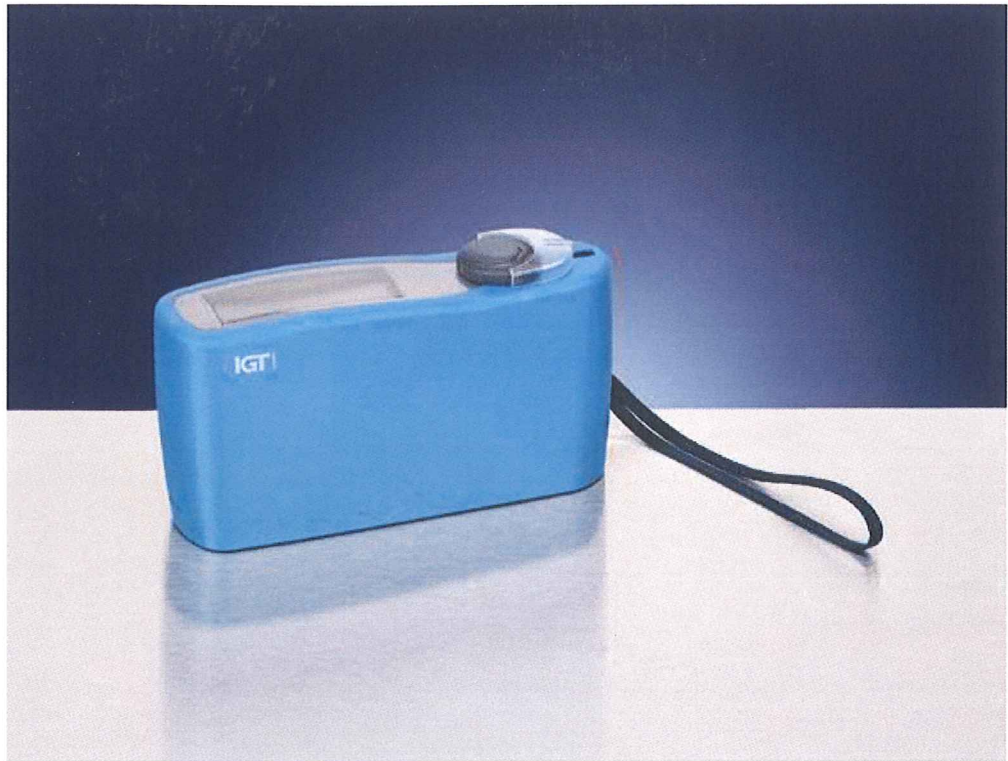


IGT Gloss Meter G60 - G75



Introduction

The IGT Gloss Meter G60 is designed and manufactured in accordance with ISO2813, 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 G75 uses a converging beam of rays, instead of a parallel beam and is used to measure the specular gloss of paper and paperboard at 75 degrees. And it is especially suitable for low- to moderate-gloss coated and uncoated papers and low- to moderate-gloss ink films.

The device is very easy to operate and an excellent tool for small and medium enterprises in the graphic arts and printing industry.

Description

The IGT Gloss Meter G60 is a handheld device to measure gloss values under a 60 degree angle; the G75 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 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 to be measured.

IGT Gloss Meter G60 - G75

Applications

To measure gloss of:

- Coatings and polished surfaces
- Printed and unprinted matter such as paper, board, plastic, foils etc according to ISO 12647
- Decorative materials such as marble, granite etc
- Materials such as plastic, wood ware, ceramic etc

Features

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

Technical specifications:

IGT Gloss Meter G60 and G75

Specifications	Units	IGT G60	IGT G75
Reading range	GU		0-199,9
Measuring range	GU		0-150,0
Resolution	GU	± 0,1	± 0,1
Accuracy	GU	± 1,5	± 1,5
Measuring Area	mm ²	100	70
Incidence Angle	Deg.	60 °	75 °
Dimensions (L x H x W)	mm	123 x 65 x 38	150 x 48 x 75
Weight	g	300	400
Power Supply	V	1,2-1,5 (AA size battery)	

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