

GLOSS METERS



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A gloss meter is a device that is used to measure the specular reflection i.e. gloss of the surface. When a light beam is projected on the incident surface at an equal but opposite angle with fixed intensity, it gets reflected which is further measured to determine the gloss. It is used to measure the glossiness of materials such as paint, ceramic, marble, ink and plastics, etc.

Used in Automotive Industry, Consumer electronics, Plastic Industry, Paints & Coatings.

Also known as Glossmeter.

LTMET17 GLOSS METER



SPECIFICATIONS

Model	LTMET17-1	LTMET17-2	LTMET17-3	LTMET17-4
Optical Geometry	60°		20°/60°/85°	60°
Standards compliant	ISO 2813, GB/T9754, ASTM D 523	ISO 2813, ASTM D 523,GB/T 9754,	ISO 2813, ASTM D 523,GB/T 9754	ISO 2813, GB/T9754, ASTM D 523
Characteristic	It can be used for gloss measurement in paint, ink, paint, paper printing, plastic electronics, furniture, ceramics, electroplating, hardware, marble and other industries. Provide basic measurement mode, Meet the basic gloss test. Large color display that displays multiple sets of test data simultaneously.	-	-	It can be used for gloss measurement in paint, ink, paint, paper printing, plastic electronics, furniture, ceramics, electroplating, hardware, marble and other industries. Provide basic measurement mode, Meet the basic gloss test. Large color display that displays multiple sets of test data simultaneously.
Facula(mm)	9x15	-	-	9x15
Measuring range	0-300 GU	0-1000 GU	20°:0~2000 GU 6Q°:0~1000 GU 85°: 0-160 GU	0-200 GU
Precision value	0.1 GU			1 GU
Repeatability	0-100 GU:0.2 GU;100-300 GU:0.5 % GU	0-100 GU:±0.2 GU 100~2000 GU:±0.2% GU		0-100 GU: 1 GU; 100-200 GU: 1% GU
Accuracy	JJG697	Meet the JJG696 work gloss meter requirements		JJG698 2nd Class

Chromaticity corresponds	CIE C light source, CIE 1931(2°)Luminosity corresponding			
Measurement Time	0.5 s		1.5 s	0.5 s
Size	160x75x90 mm	16Qx75x90 mm		160x75x90 mm
Weight	About 350 g			
Battery Performance	3200 mAh 3.7V Li-ion Battery, 10000 times within 8 hours	3200 mAh 3.7V Li-ion Battery, 5,000 times within 8 hours		3200 mAh 3.7V Li-ion Battery, 10000 times within 8 hours
Display	3.5 -inch TFT color LCD, Capacitive Touch Screen	3.5-inch TFT color LCD, Capacitive Touch Screen		3.5 -inch TFT color LCD, Capacitive Touch Screen
Interface	USB			USB (Electricity only)
Data Storage	Standard:1000	Basic: 1000, statistics: 5000, continuous :5000		-
Software	GQC6 quality management software, quality inspection report printing, more function expansion			-
Humidity	<85 % RH, No Condensation			<85% RH, No Condensation
Standard Accessories	Charger, USB data cable, manual, HG268&HG60 for GQC quality management software/HG60S for adjustment parameter software (official website download or after sale), calibration standard board	Charger, USB data cable, manual, GQC quality management software (official website download or after-sales service), calibration standard board		
Optional Accessories	Micro Printer			
Facula (mm)	-	9x15	20°:10x10 60°:9x15 85°:5x36	-
Working Temp	-	0~40 °C (32-104° F)		-
Measuring Angle	-	-	-	-
Measuring Area (mm)	-	-	-	-
Measuring Range	-	-	-	-
Division Value	-	-	-	-
Measuring Time	-	-	-	-
Accurate	-	-	-	-
Auto Power-off Time	-	-	-	-
Language	-	-	-	-
Power Supply	-	-	-	-
Operation Temperature Range	-	-	-	-
Storage Temperature Range	-	-	-	-
Humidity Range	-	-	-	-
Long-time Calibration	-	-	-	-
Storage	-	-	-	-
PC Software	-	-	-	-

Model	LTMET17-5	LTMET17-6	LTMET17-7
Optical Geometry	-	-	-
Standards compliant	-	-	-
Characteristic	-	-	-
Facula(mm)	-	-	-
Measuring range	-	-	-
Precision value	-	-	-

Repeatability	0~100GU:±0.5GU 100-200GU: ±0.5G U %	0~100GU:±0.2GU 100-1000GU:±0.2G U %	0~100GU:±0.2GU 100-2000GU:±0.2G U %
Accuracy	-	-	-
Chromaticity corresponds	-	-	-
Measurement Time	-	-	-
Size	160x52x84 mm		
Weight	About 300 g		
Battery Performance	-	-	-
Display	2.3 inch black and white screen		3.3 inch black and white screen
Interface	USB	USB & Bluetooth	
Data Storage	-	-	-
Software	-	-	-
Humidity	-	-	-
Standard Accessories	User manual, calibration plate,USB cable, user manual, QC software (Download official website) calibration plate,user manual		
Optional Accessories	Miniature printer		
Facula (mm)	-	-	-
Working Temp	-	-	-
Measuring Angle	60°		20°/60°/85°
Measuring Area (mm)	60°:9X15		20°:9x10 60°:9x15 85°:5x38
Measuring Range	60°:0~200 GU	60°:0~1000 GU	20°: 0-2000 GU 60°: 0-1000 GU 85°: 0-160 GU
Division Value	1 GU	0.1 GU	
Measuring Time	0.5 s		
Accurate	second grade requirements of gloss meter	Conform with JIG696 first grade requirements of gloss meter	
Auto Power-off Time	30 s	Within 30 s-120 s	
Language	Chinese English		
Power Supply	1 pc dry-cell battery(can measure 10000 times) or use USB Charge		
Operation Temperature Range	0~40 °C (32~104 °F)		0~40 °C 32~104 °F)
Storage Temperature Range	- 20~50 °C (-4~122°F)	- 20~50 °C (-4~122 °F)	
Humidity Range	< 85% RH, without condensation		
Long-time Calibration	-	Automatically finished calibration	
Storage	-	35000(Basic mode SStatistic mode :15000; Continuous mode : 10000; QC mode: 10000)	
PC Software	-	GQC6 QC software for quality report and more extended functions	



LTMET17-1



LTMET17-2



LTMET17-3



LTMET17-4



LTMET17-5



LTMET17-6



LTMET17-7



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