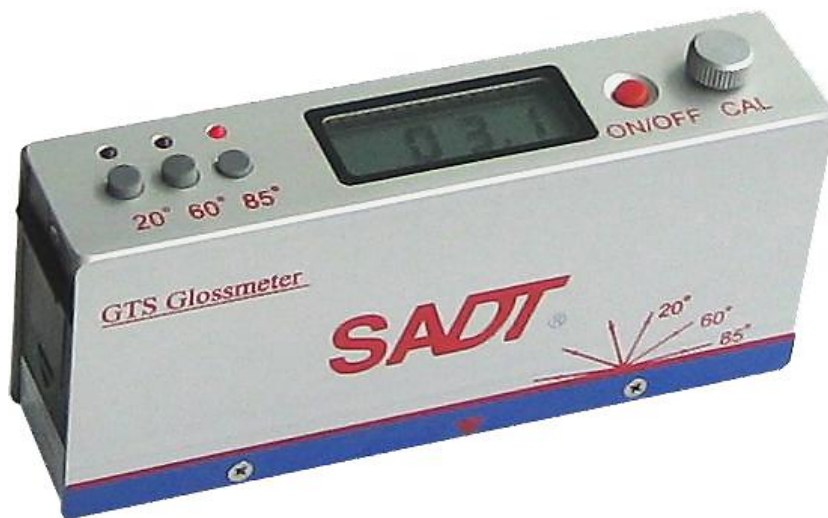


SINO AGE DEVELOPMENT TECHNOLOGY

SADT GT SERIES GLOSSMETERS

OPERATION MANUAL



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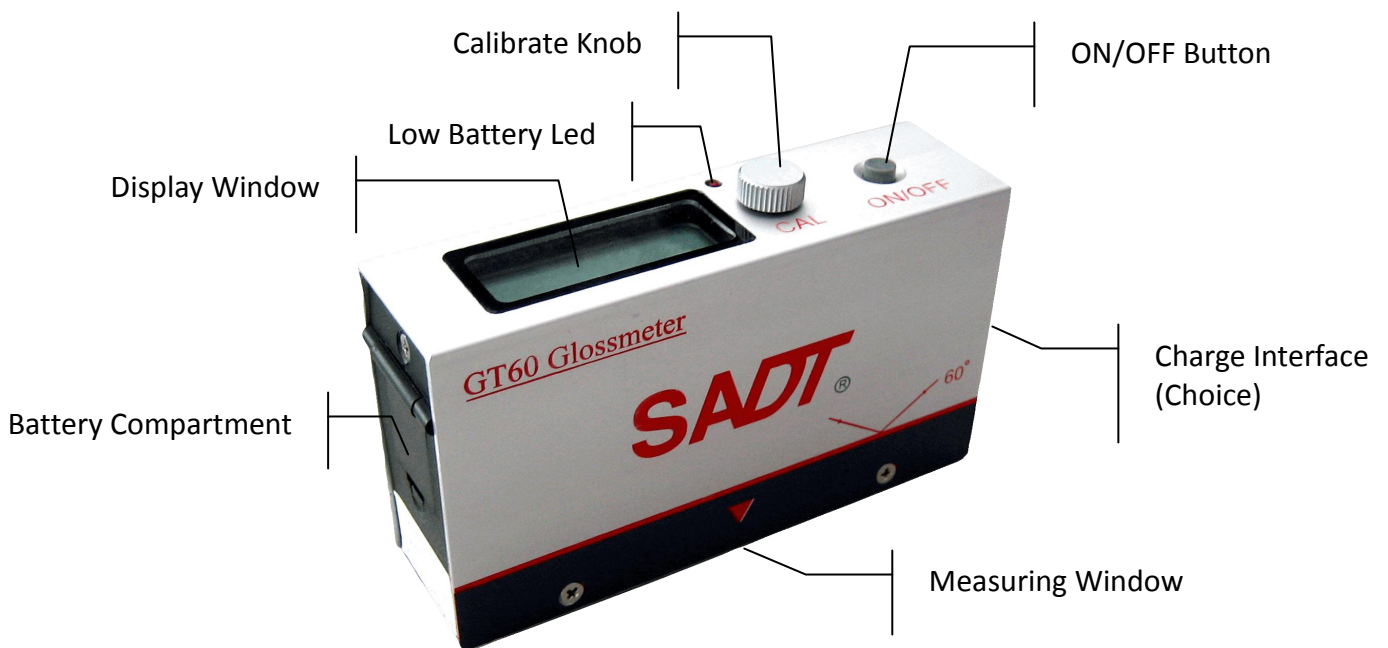
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1. General information

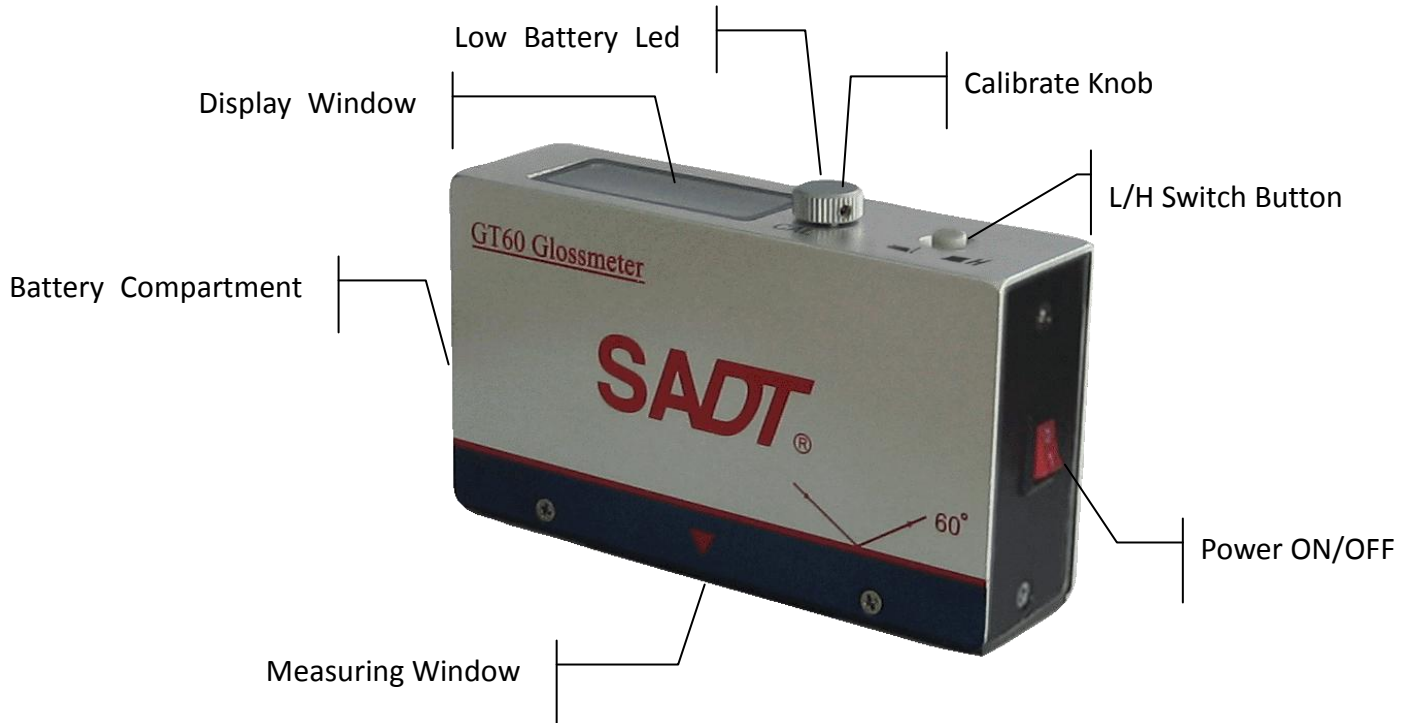
The GT Series gloss meters are designed and manufactured according to international standards ISO 2813, ASTM D 523 and DIN 67530. The technical parameters are up to JIG696-2002.

2. Structure

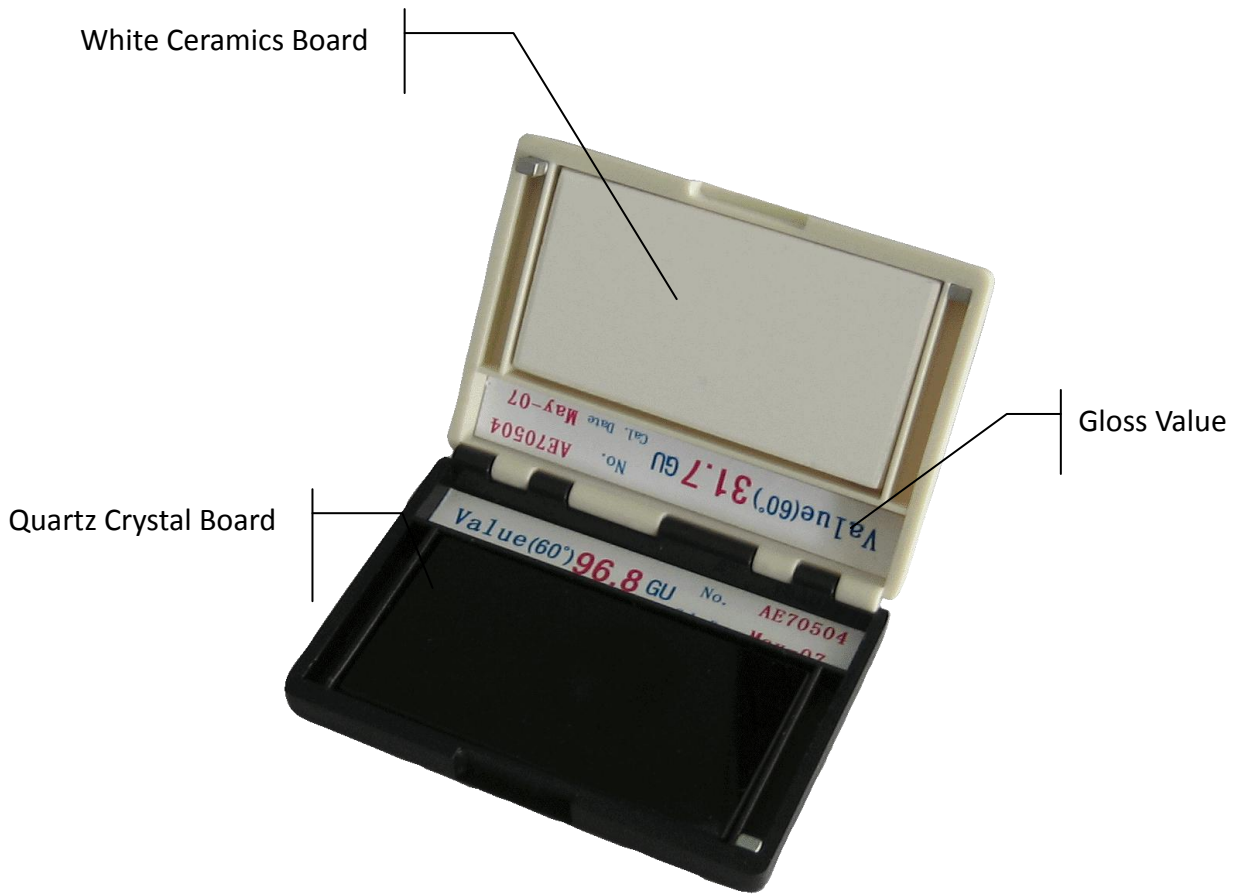
2.1. GT60/GTS



2.2. GT60 Plus



2.3. Standard Board



3. Applications

- (1) Measurement of paint and dope surface gloss in the automobile, electronic, appliance and musical instrument industries.
- (2) Measurement of flooring, marble, granite and ceramic tile gloss in the architecture and decorating businesses.
- (3) Measurement of printing ink and paper in the printing and packaging industries.
- (4) Measurement of highly polished metals such as aluminum and its alloys.

4. Features

- (1) Handheld, electronic, digital display
- (2) Typically operates for 60 hours on one AA alkaline battery
- (3) Extruded, durable aluminum body
- (4) Built-in light source, no additional light required

5. Operation instruction

- (1) Install an AA battery in the battery compartment, and then turn on the unit by pressing the start button at the side.
- (2) Put the GT series glossmeter unit on the gloss standard for calibration.
- (3) The displayed reading should be within the tolerance. If not, adjust the reading on the display to match the standard by screwing the cal button on the top.
- (4) L range: for painting and coatings
H range: for metal (only GT 60+)

6. Technical data

Model	GTS	GT60	GT60 +
Geometry	20°, 60°, 85°	60°	
Measuring range (GU)	0 to 199.9		L: 0 to 199.9 H: 0 to 1999
Stability (GU/30Min)	<±0.4		
Accuracy	±1.5 GU	±1.5 GU	L: < ±1.2 GU H: <1.5%
Power supply	1 x 1.5V AA alkaline battery		
Measurement opening dimension (mm)	10x10 (20°) 10x20 (60°) 8x30 (85°)	10x20	
Windows Size (mm)	11x52	14x28	
Working temperature (°C)	0 to 40		
Relative humidity	<85%		
Dimension (mm)	143x32x64	114x32x64	
Weight (g)	420	300	
Application	Paint Coating Printing		Metal Dope Plating layer
International Standards	ISO2813 ASTMD523 DIN-67530		ISO2813 ASTMD523 ISO7668
GB Standards	GB9754 (Paint, Coating) GB7706 (Printing)		GB9754

7. Maintenance and Repair

7.1. Maintenance

- (1) Prevent the incidence of strong light from another source while testing; otherwise the accuracy of measurement may be influenced.
- (2) Keep the two gloss standards away from heavy dust, dampness and stains. The standard should be cleaned by lens paper or absolute alcohol.
- (3) When the light on the top right corner of the display is red, it means that the battery power is extremely low. The battery must be replaced.

Note: When battery power is under 0.8V, the test readings maybe quite lower than normal.

7.2. Warranty and repair service

This GT series glossmeter unit is warranted for one year. If the LCD screen does not display anything and the battery has been replaced, turn off the power and contact our Customer Service Representative.

DO NOT OPEN the GT instrument case. This precision instrument should only be repaired by a factory-trained service representative. If the unit is opened, its warranty will automatically become void.