

60 °universal gloss meter instruction

Safety Instruction

In order to ensure your safety, correct use of the instrument, please read carefully and strictly abide by these instructions.

- Please use this instrument with the original power adapter and original battery, in case of instrument failure, or instrument burning.
- Avoid using the instrument in flammable and explosive gas, dust, smoke environment to avoid accident.
- Avoid using the instrument in strong magnetic field, violent vibration, dust, smoke environment, in case of abnormal data and performance failure.
- This product belongs to the precision instrument, please do not disassemble the instrument by yourself, otherwise which may cause damage and unrepairable to instruments.

One: Standard

This gloss meter is designed and manufactured with the reference to the international standard ISO 2813 and China national standard GB/T9754. Technical parameters are in accordance with ASTM D2457, ASTM D523 and GB/T13891, GB/T7706, GB/T8807 standard. All performance indexes meet the primary working machine requirements of metrological verification procedures of national standard JIG696-2002 "mirror gloss meter and gloss board".

Two: Application

Apply on paint, ink, stoving varnish, coating, wood products; Marble, granite, vitrified polished tile, pottery brick and porcelain; Plastic, paper; Other nonmetallic material.

Three: Function

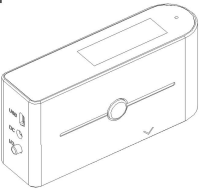
- The delicate and light appearance is very convenient to carry and use.
- Automatic calibration, no need to manual adjustment, high stability, namely the boot measurement.
- All intelligent design, single bond operation, one hand can realize all operations.
- Long life light source without replacement
- LCD digital display, showing clear.
- Built-in high capacity lithium battery can be recharged, full of electricity can measuring more than 12 hours continuously
- Feature-rich, measuring accuracy, good repeatability, cost effectiveness.

Measurement Notice

One: From lower temperature to higher temperature place (such as from outdoor to indoor in winter), please wait a moment before measurement. (for optical lenses from a region of low temperature to high temperature lens fogging on the surface)

Two: Please don't measure under the sun shining environment in case measured values are affected.

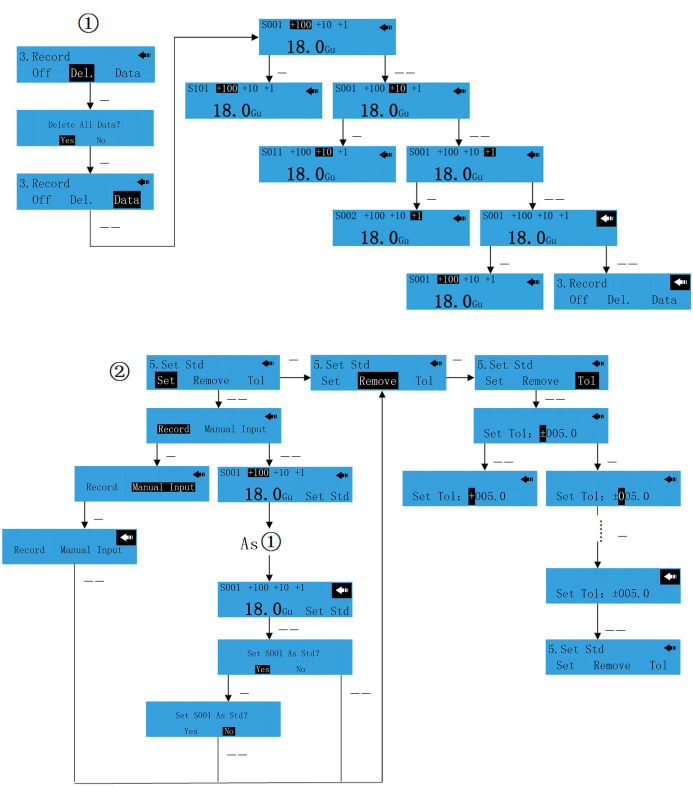
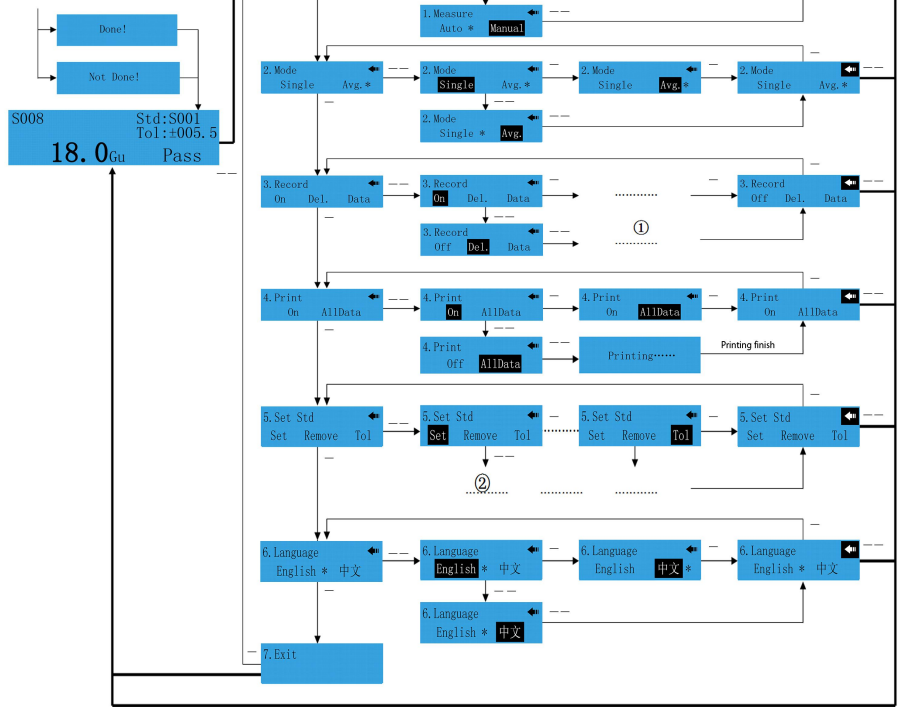
Three: Please keep the instrument standard board clean to avoid measurement error caused by the readings inaccuracy when instrument calibrating. When standard plate defiled, please wipe with lens paper or cloth, black standard plate can wipe through dipping anhydrous alcohol with lens paper



Product Name	Gloss meter
Measurement Range	0-2000Gu
Application	Apply on paint, ink, stoving varnish, coating, wood products; Marble, granite, vitrified polished tile, pottery brick and porcelain; Plastic, paper; Other nonmetallic material.
Instrument Dimensions	122mm34mm60mm
Projection Angle	60°
Measuring Spot	(ellipse: long axis*minor axis) 8mm*4mm
Measuring Mode	Automatic measurement/ manual measurement/single measurement/average measurement and cross measurement for a variety of combination measuring mode
Calibration Mode	Manual calibration/bring up the stored data to calibration/manually set the tolerance
Data Storage	500 groups
Language	can set standard sample in any stored data, user-define the tolerance range
Output	Chinese/English
Division Value	0.1Gu
Repeatability	0.2Gu
Reproducibility	0.4Gu
Indication Error	1.0Gu
International Standard	ISO-2813, ASTM-C684, ASTM-D523, DIN-67530, ASTM-D2457, JND-A60, JND-P60
National Standard	GB 9754, GB 9966, GB 8807
Standard Accessories	Power adapter/user manual/warranty certification/standard board/software Gloss#
Optional Accessories	micro-printer

- : Press measuring key (long time)-Activate/change/confirm
- : Press measuring key (short time)-Switch page/cursor

*START



The instrument can be used repeatedly charging with built-in lithium battery. The lamp on the left side of screen, its different color shows battery condition.

Red: low power, please connect the adapter to recharge
Blue: charging.
Green: full charge.

1. Measurement

Automatically: in a single measurement mode, continuous automatic measuring glossiness, when measuring, long press (about 3 seconds), automatic measuring paused (screen shows "STOP"); if long press (about 5 seconds), enter the settings menu; If short press, continue to automatic measurement. In average measurement mode, short press can complete an average measurement automatically and continuously.
Manually: short press complete a measurement.

2. Measuring Mode

Single: basic measurement mode.
Average: statistical measurement mode.

3. Storage

On/Off: on means saving automatically each measurement; off means no saving each measurement.
Delete: empty the stored data.
Check: check the stored data.

4. Print

On/Off: on means printing once automatically with miro-printer; off means no printing.
Print and Store: printing all stored data.

5. Standard Setting

Standard Setting: setting the standard sample for measurement providing a comparison standard
No Standard Setting: no setting or cancel the standard sample
Tolerance: set the deviation range between the measured value and standard sample value.

6. Language

English: English
中文: Chinese

7. Exit

Back to the measuring interface.