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**ISQ-DG6  
60° GLOSS METER  
OPERATION MANUAL**



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#### 4 Checking

After calibration, set the Measurement Aperture on the spare block (spare Working Standard). The deviation between the shown value and the labeled value should be less than or equal to 1 GU.

If the deviation goes beyond this scope, it's shown that the certified gloss values of the working standards may be changed. Thus the gloss values should be certified again.

Check only when the meter is used for a long period, or the result of measurement is doubtful. It is not necessary to check for every measurement.

#### Maintenance

- ◆ The whole set of the meter should be kept in dry, ventilative and non-corrosive environment.
- ◆ If the meter is not in use, please put the main unit into the base.
- ◆ Keep the surface of the working standards clean, both the Calibration block and the spare block.
- ◆ Remove the battery to prevent corrosion for a long period store.
- ◆ After measurement, the meter should be turned off at once in order to save the energy of battery.
- ◆ Although the plastic parts of the meter are resistant to many solvents, you should use a soft cloth dipped water or ethanol for cleaning.
- ◆ For environment dispose the wasted batteries properly.

#### Attention

- ◆ The lens in the Measuring Aperture, the surface of the Working Standards and the position measured, etc should be kept clean. If those surfaces get dirty with dust, steam of filth, finger print, etc. they must be cleaned lightly with lens paper or a soft cloth dipped absolute ethanol.
- ◆ Calibrating, measuring and checking should be carried out at the same ambient temperature. Too big difference in temperature would bring about the numerical excursion.
- ◆ While measuring keep environment light from directly irradiating into the Measurement Aperture.
- ◆ When the battery run out, the symbol of "bat" will appear on the Display Screen, replace the old battery with a new one at once.

## Description

The gloss meter of ISQ-DG6 is designed and manufactured according to ISO2813. The meter are also compatible with the standards of ASTM D2457 and ASTM D523.

Main Applications:

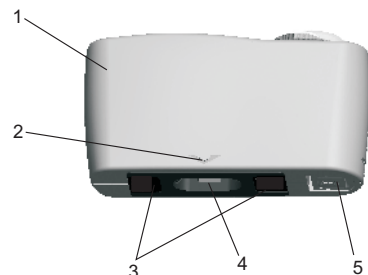
All kinds of coating and finishing surfaces, such as paints, varnishes, printing ink, etc.

Decorative materials, such as marble, granite, polishing brick, ceramic tile and so on.

The other kinds of materials and objects, such as plastic, woodenware, paper, etc.

## Structure

### 1 Front:



- 1 Front Cover
- 2 Measuring Mark
- 3 Info Labels
- 4 Measuring Aperture
- 5 Battery Cabin

### 2 Rear:



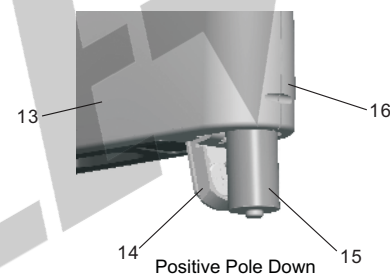
- 6 Display Screen
- 7 Calibration Knob
- 8 Knob Protector
- 9 On/Off Button

### 3 Base with calibration block:



- 10 Base
- 11 Calibration Block
- 12 Gloss Value Label

### 4 Battery changing:



- 13 Front Cover
- 14 Cabin Cover
- 15 AA-size Battery
- 16 Rear Cover

## Operation

### 1 Power ON/OFF

Push On/Off Button to turn on the meter. To turn off just push it again.

### 2 Calibration

Turn on the meter and turn the Calibration Knob to adjust the reading to the correct value that is labeled in the base.

**The main unit must be located in the base properly.**

### 3 Measurement

Remove the base and lay the Measuring Aperture just against the position that you want to measure. The gloss value will be shown on the Display Screen.

**For an accurate result it is necessary to re-calibrate the meter during working.**