

MN75 GlossMeter



1. General Information:

MN serial gloss meters is new product by our company. It's designed and manufactured according to international standard ISO8254 TAPPI T 480.

2. Applications:

It is applicable chiefly to highly glossy surfaces, such as cast-coated, lacquered, highly varnished or waxed papers and high-gloss ink films.

3. Features:

- (1) Small and light, real easy to be carried and used.
- (2) One 1.5V alkaline Battery can be used for almost 100 hours and 100000 readings.
- (3) High stability
- (4) Full digital circuit, high anti-interference.
- (5) Digital revolving encoder.
- (6) LCD Display with backlight.
- (7) Precision battery gauge to display.
- (8) Auto Power off.

4. Technical data:

- (1) Measure range: 0~199.9Gs
- (2) Stability: less than $\pm 0.4Gs/30min$
- (3) Readout error: less than $\pm 1.2Gs$
- (4) Power supply: one 1.5V AA alkaline battery
- (5) Geometry: 75°: 12x48mm
- (6) Measure oar dimension: 8x20mm
- (7) Environment temperature: 0°C~40°C Relative humidity: less then 85%
- (8) Dimension: 114x32x64mm Dimension of standard board: 67x46x13mm
- (9) Weight: 220g

5. Operation:

- (1) Power On: Press the ON/OFF button.
- (2) Calibration: Open the standard board box, places the instrument survey mouth the black standard board. Turning the Calibrate knob and causes the



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display monitor the reading to conform to the black standard board demarcation value.

(3) Checkout: Put the instrument calibrated to the standard board box the white ceramics work panel. The value that the display screen shows should not be greater than the difference of white pottery board at this moment 1.2Gu.

(4) Measurement: Put the instrument onto the object, then the reading that display screen shows gloss value.

(5) Power Off: Press the ON/OFF button manually or power off in 3 minutes automatic.

6. **Safety instructions:**

(1) Should prevent the strong light from penetrating directly while using, otherwise influence the accuracy of measuring.

(2) Two standard boards that the instrument wears should keep clean , make sure not to touch the surface with the finger, if the surface has spots, will cause the instrumental error to strengthen and reading is inaccurate, can polish with the lens paper or the absolute alcohol.

(3) Because this instrument stability is extremely high, the instrument needn't be often the school definitely, after proposing using for 2 hours in succession, a standard once again.

(4) When the battery voltage falls below the required minimum voltage in the course of operation, the following message appears on the display:, To ensure that the unit is always ready for operation, it is recommended to have a spare battery handy, especially when performing measurements in the field.

7. **After Service:**

If users have any question on technology. Please contact our company in time.

8. **Standard Scheme:**

- (1) Gloss meter
- (2) Standard board box
- (3) User Manual
- (4) Lens cloth
- (5) Plastic carrying case



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