WINDOW TINT **METER** WTM-1000

LANDTEK 兰泰仪器

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1. FEATURES

This Window Tint Meter is a hand held device that measures the amount of light that passes through a window. It measures the total amount of Visual Light Transmission (henceforth referred to as VLT) through a window and any coatings (tint film) on that window. The device was designed to measure the total VLT of a window after it has been treated with aftermarket window film. The device slides over a partially rolled down window, does its calculations, and in seconds displays the readings on a LCD. Because it has its own internal light source, the meter will work day or night.

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2. SPECIFICATIONS

Disply: 10mm LCD Measurement Range:

0 to 100% Light Transmission

Resolution: 0.1 Accuracy: ≤2%

Wavelength: 550 Nanometers

Interface: USB Sample Thickness:

Less than 10 mm/0.4inch Sample Size: 50x50mm Minimum

Operating conditions:

0~50°C,<90%RH

Time of Testing:

Maximum of 4 Seconds Effects From Stray Light:

Not Effected by Stray Light

Lamp Life: 10 Years

Power Source:

4 x 1.5v AAA Batteries

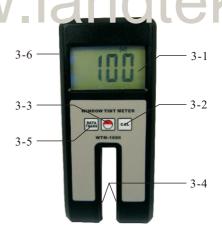
Weight: 100g (not including batteries) Dimensions: 126 x 65 x 27 mm Standard Accessories included:

Testing block.....1pc.

Carrying case......1pc. Operation manual.....1 pc. Optional Accessory:

> USB cable and software Bluetooth adapter and software

FRONT CANIL DESCRIPTION



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- 3-1 Display
- 3-2 Calibration Key
- 3-3 Power Key
- 3-4 Measuring Slot
- 3-5 Key for Date-transmissin
- 3-6 Battery Cover

4.HOW TO PERFORM A TEST

- *Power the tint meter on by pressing the power key
- *Roll the window down half-way, and position the meter's entrance slot over the glass.
- *Press the Tint meter down over the glass. When the Meter is positioned over the glass the meter will display the light transmission of that window on an easy to read liquid crystal display. Slide the meter up vertically to remove the device and turn the unit off.

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figure 1: Correct method of placing Model 1000 on glass.



figure 2: Model 1000 correctly Seated on glass to be measured.

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5. CALIBRATION

*It is easy to test the accuracy by yourself. There is a CAL button to be used to calibrate the tint meter.

*100% light transmission

Do not place any reference plate into the meter's entrance 1 t. The reading on the display should be around 100%, if not, please press the CAL key and release it. The meter is now calibrated to 100% light transmission.

Note: readings between 99%-101% are acceptable.

* 0% light transmission Sliding the cardboard into the slot like a reference sample should achieve a reading of 0%. if not, please press the CAL key and release it. The meter is now calibrated to 0 light transmission.

6. BATTERY REPLACEMENT

- 6.1 When it is necessary to replace the battery, the battery symbol "" will a ppear on the Display.
- 6.2 Slide the Battery Cover away from the instrument and remove the batt ric..
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- 6.4 If the instrument is not to be used for any extended period, remove batteries.

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