

## LS162A Transmission Meter

### User Manual V3.1

LS162A is able to simultaneously measure and display UV, IR rejection value and visible light transmission value. This meter is self-contained light sources and self-calibration. No manual adjustment is needed. The users only need power on the meter and put the testing sample in the opening. The resulting performance data appear on the display.

#### I: LS162A Parameter

1. Size: 120mm \*75mm \*25mm(L\*W\*H)
2. Weigh: 165g
3. Thickness of testing sample: < 8mm
4. Resolution: 0.1%
5. Accuracy: ±2%
6. VL Peak wavelength: 550nm
7. VL Peak wavelength: 365nm
8. IR Peak wavelength: 1400nm
9. Power Supply: 4\*AAA alkaline battery



#### II: Operation

##### 1. Power on:

When LS162A is off, press the “ON/Hold” key.

##### 2. Power off:

Press “ON/Hold” key and hold for longer than 3 seconds, LS162A will be powered off.

##### 3. Auto off:

No key is pressed in 3 minutes, and then LS162A will power off automatically.

##### 4. Manual hold:

If “ON/Hold” key is short pressed during measure status, transmission value will hold on the LCD, “HOLD” symbol is displayed on the LCD. Press the “ON/Hold” key again will release the “Hold” mode.

##### 5. Measurement

When UVR(Ultraviolet Rejection) and IRR(Infrared Rejection) display 0.0 and VLT(Visible light transmission) display 100, insert the testing sample in the “OPENING”, VLT, UVR and IRR value will display simultaneously.

#### III: Feature

1. UV rejection meter, IR rejection meter, Light Transmittance Meter, Three function in ONE device.
2. Small size, portable product for transmission value measurement.
3. Test any sample thickness up to 8mm.

#### IV: Notes

1. When battery symbol is empty and flash, please replace the battery.



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2. When not use for a long time (e.g. several months), please take the battery out.
  3. Keep the “OPENING” is empty before turn on LS162A. Otherwise LS162A will display “E” interface or testing interface, empty the “OPENING”, turn off and turn on again.
  4. ±2% Accuracy is for Colorless and transparent material, for colorful or optical coating product etc, it will be low accuracy.
  5. Avoid contact with corrosive agents and prevent from high temperature and high humidity environment.

## V: Standard packing list

No.	Description	Quantity	Unit
1	LS162A Transmission meter	1	pcs
2	AAA battery	4	pcs
3	User Manual	1	pcs
4	Certificate / warranty card	1	pcs

## VI: Service

1. The meter has one-year warranty. If the meter works abnormally, please send the whole meter to the company for maintenance.
2. Provide users with spare parts and lifelong maintenance services.
3. Provide the users with the meter inspection service for free.
4. Free technical support for long term.

Manufacturer: Shenzhen Linshang Technology Co.,Ltd.

Website: [www.linshangtech.com](http://www.linshangtech.com)

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