

## LS160A Transmission Meter

### User Manual V5.1

LS160A is a small size, portable product for transmission value measurement. It is able to simultaneously measure and display UV, IR rejection value and visible light transmission value.

#### I: LS160A parameter

1. Size: 93mm \*52mm \*25mm(L\*W\*H)
2. Weigh: 65g (exclude batteries)
3. Thickness of testing sample: < 0.8mm
4. Resolution: 0.1%
5. Accuracy:  $\pm 2\%$
6. VL Peak wavelength: 530nm
7. UV Peak wavelength: 365nm
8. IR Peak wavelength: 1400nm
9. Power Supply: 4\*AAA alkaline battery



#### II: Operation

1. Power on:  
When LS160A is off, press the “ON/Hold” key to power on.
2. Power off:  
Press “ON/Hold” key and hold for longer than 3 seconds, LS160A will be powered off.
3. Auto off:  
No key is pressed in 3 minutes, and then LS160A 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. When backlight is off, Press the “ON/Hold” key turn on the backlight.
5. Measurement  
When UVR(Ultraviolet Rejection) and IRR(Infrared Rejection) display 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. Simple operation, putting the testing sample in the “OPENING”, VLT ,UVR and IRR values of the sample will simultaneously display.
4. For window film, solar film and other transparence material testing.

#### IV: Notes

1. When battery symbol is empty and flash, please replace the battery.
2. Keep the "OPENING" is empty before turn on LS160A. Otherwise LS160A will display "Error" interface or testing interface, empty the "OPENING", turn off and turn on again.
3.  $\pm 2\%$  Accuracy is for Colorless and transparent material, for colorful or optical coating product etc, it will be low accuracy.



## V: Standard packing list

No.	Description	Quantity	Unit
1	LS160A Transmission meter	1	pcs
2	AAA battery	4	pcs
3	User Manual	1	pcs
4	Certificate / warranty card	1	pcs
5	Cloth packing bag	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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