

## LS180 Solar Film Transmission Meter

### User Manual V3.1

LS180 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 plug the power supply, turn on the switch and put the solar film in the opening. The resulting performance data appear on the display.

#### I: LS180 parameter

1. Size: 216mm\*134mm\*29mm(L\*H\*W)
2. Testing opening: Wide 47mm \* Height 91 mm
3. Weigh: 590g
4. Resolution: 0.1%
5. Accuracy:  $\pm 2\%$ (Colorless and transparent material)
6. UV peak wavelength: 365nm
7. Visible Light peak wavelength: 550nm
8. IR Peak wavelength: 1400nm
9. Power supply: 5V DC Adapter

#### II: LS180 structure

- “OFF/ON” Power Switch
- “5VDC” The power supply socket
- “USB” Micro USB socket, mobile power supply to power the instrument



#### III: Operation

1. Plug the power supply, keep the opening is empty, turn on the switch, UV rejection and IR rejection displays will show 0%, VL transmission display will show 100%.



2. Place sample into the opening to measure the performance characteristics. Refer to the following picture demonstrations.



#### IV: Feature

1. UV Rejection meter, IR Rejection meter, Light Transmittance Meter, Three function in ONE device.
2. Self-calibration and auto-calibration, NO need any manual adjustments.
3. Simple operation, putting the testing sample in the opening, UV Rejection, IR Rejection, Visible light transmission value of the sample will simultaneously display.

#### V: Standard packing list

No.	Description	Quantity	Unit
1	LS180 Solar Film Transmission Meter	1	pcs
2	DC5V Adapter	1	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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