

LS108 Spectrum Transmission Meter

User Manual V2.1

LS108 is able to simultaneously measure and display PL (Purple Light), BL (Blue light) and VL (Visible Light) transmission values. This meter is self-contained light sources and self-calibration. No adjustment is needed. The users only need plug the power supply, turn on the switch and put the sample in the testing position. The resulting performance data appear on the display.

I: LS108 parameter

1. Size: 200mm*180mm*106mm(L*W*H)
2. Size of Testing sample: > \varnothing 3mm
3. Weigh: 1500g
4. Resolution: 0.1%
5. Accuracy: $\pm 2\%$ (Colorless and transparent material)
6. Purple light Peak wavelength: 395nm
7. Blue light Peak wavelength: 430nm
8. Visible light Peak wavelength: 550nm
9. Power supply: 5V DC Adapter

II. Meter operation

1. Power on self test

Plug the power supply, keep the testing opening is empty, turn on the switch, waits for the meter to self-test, when self-test is successful, each of the displays will show 100%. If self-test failed, "EEE", "88.8" or "000" displayed. The following reasons for failed "Self-test" :

- a) Testing sample in the testing opening during Meter powering on.
- b) Ambient Light too strong.
- c) Too much dust in the testing hole , please clean the dust with air duster gun.
- d) Equipment damage, need to send back to the factory repair



2. Measurement

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



III: Feature

1. PL transmission meter, BL transmission 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 testing position, PL, BL and VL transmission values of the sample will simultaneously display.

IV: Standard packing list

| No. | Description | Quantity | Unit |
|-----|-----------------------------------|----------|------|
| 1 | LS108 Spectrum Transmission Meter | 1 | pcs |
| 2 | DC5V Adapter | 1 | pcs |
| 3 | User Manual | 1 | pcs |
| 4 | Certificate / warranty card | 1 | pcs |

V: 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

Service hotline: 086-755-86263411

Email: sales21@linshangtech.com