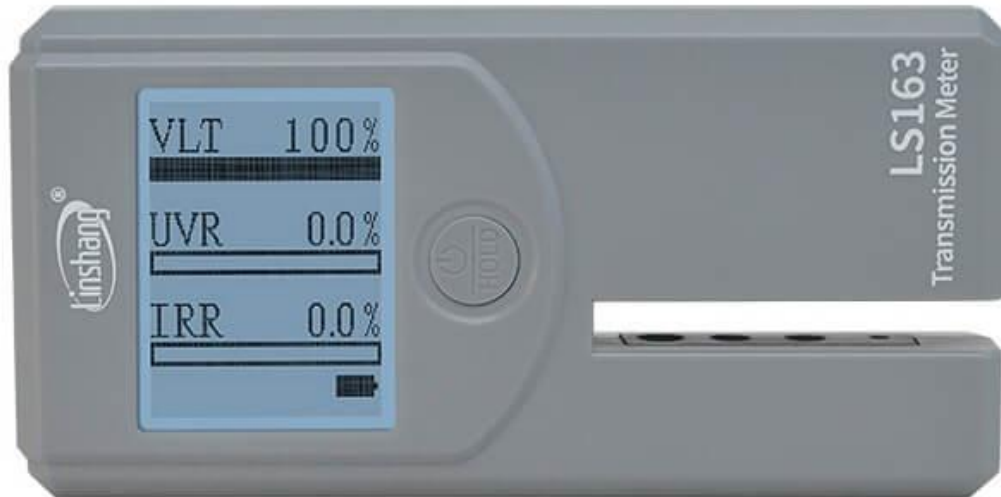




Linshang Technology
Make measurement easier



LINSHANG - LS163 Transmission Meter

suitable for testing window tint, window film, side windshield

3 light source: visible light, UV and infrared

Three display interfaces are available

Rotatable screen for easy reading

Suitable for testing metallic films and ceramic films

LS163 window film transmission meter is an instrument for measuring the optical properties of uniform and transparent materials such as solar film, glass with film, heat-insulating glass and automobile side windshield glass. We can select the measurement interface to display the infrared and ultraviolet rejection and transmittance.

Application

LS163 Transmission Meter is widely used in solar film, glass industry, automobile 4S shops, car beauty shops, etc. It is suitable for display, production, quality inspection, inspection and other occasions. It can test optical properties of solar film, stick-film glass, PC material and window glass.



LS163 transmission meter tests film



LS163 transmission meter tests film glass



LS163 transmission meter tests PC material



LS163 transmission meter tests car side glass

Parameters

Parameter	Value
UV Peak wavelength	365nm
IR Peak wavelength	940nm
Visible light	380-760nm, conform to the CIE photopic luminosity function
Accuracy	±2% (Colorless and transparent material)
Resolution	0.1%
Test Slot	6mm * 58mm (W*D)
Dimension	146 mm ×73 mm ×24 mm (L*W*H)
Display	128*128 Dot matrix LCD
Weight	187g (Include batteries)
Power supply	4*AAA alkaline batteries



LS163 transmission meter appearance

Feature

1-Easy to operate, fast measurement speed and instant display

The solar film transmission meter has simple operation and fast measurement speed. The three test results will be displayed on the interface immediately after putting the materials into the testslot

2-Parallel light path, side windshield can be tested

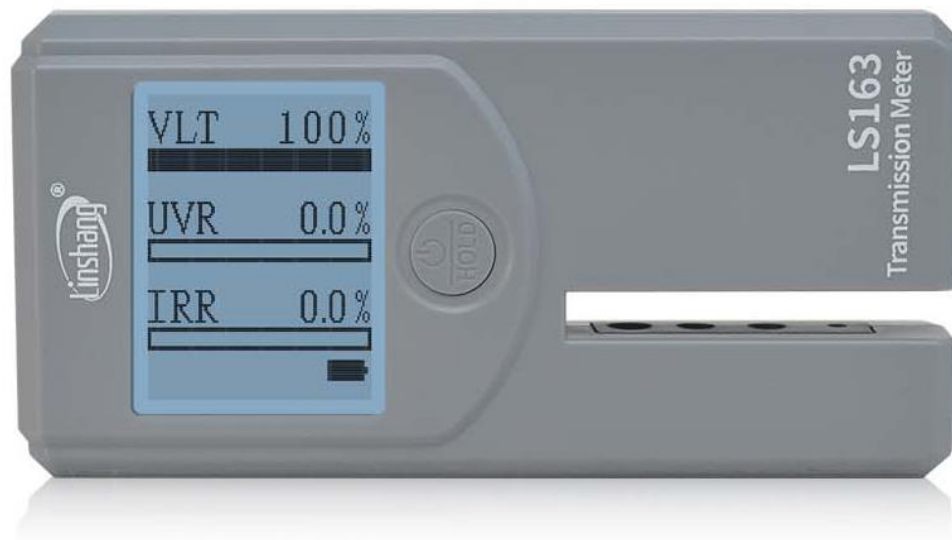
The LS163 transmission meter boasts parallel light path design, with a test slot wide 6mm, the instrument can also test car side windshield

3 -Humanized design, Rotating display interface

The display interface can rotate in 4 directions adaptively convenient for reading data when testing at different angles

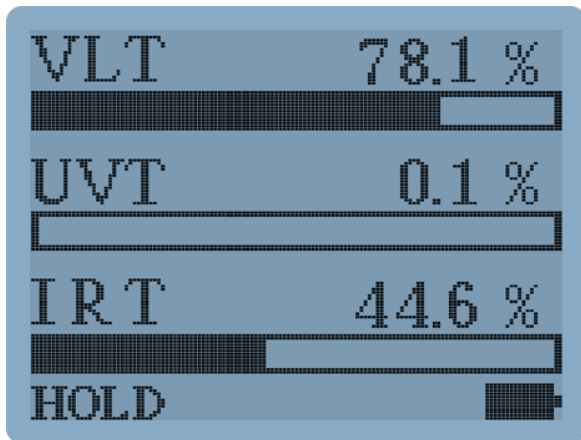
4 - Real-time automatic calibration function

The LS163 solar film transmission meter has real time dynamic calibration function , the meter will conduct self-calibration after turning on

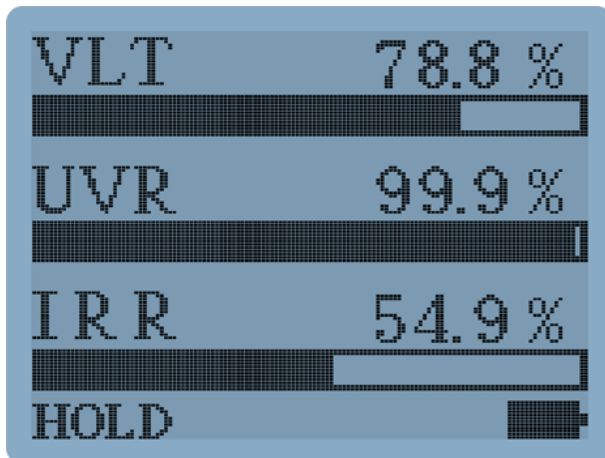


5 -Three display interfaces available

We can set the display interface as rejection rate, transmittance or light transmission



Rejection rate



Light transmission rate



Light transmittance only

6 - Lock testing datas by pressing "Hold" button

The window tint detector has data lock function. Press the hold button after testing, the data will remain on the interface after taking away the tested materials



Under testing



Data lock

7 - Compact and portable

The window film transmission meter has small size with anti-slip design convenient for holding or carrying out



LCD dot matrix screen with backlight
which can be used in dark environment



Low power consumption
It can continuously measure for more than 100 hours



The transmittance meter will automatically power off if without operation for 3 minutes

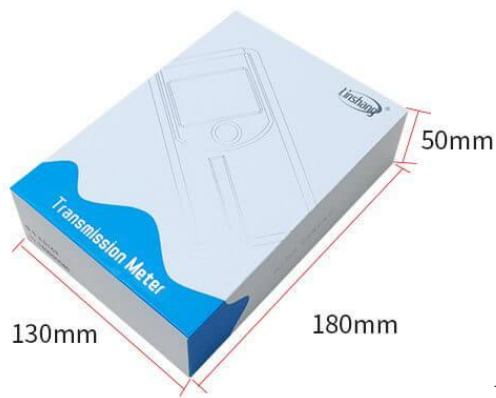
Qualifications and Standards



solar film tester patent certificate

Packing

No.	Description	Quantity	Unit
1	LS163 Transmission Meter	1	set
2	User Manual	1	pcs
3	AAA Battery	4	pcs
4	Certificate / Warranty Card	1	pcs
5	Drawstring Bag	1	pcs
6	Packing box dimension 18*13*5 cm (L*W*H)	1	pcs



LS163 Transmission Meter package

FAQ

1. 1. The difference between LS163 (940nm) and LS163A (1400nm) window film transmission meters

The main difference between LS163 and LS163A is that the peak wavelength of the built-in infrared light source is different, LS163: 940nm, LS163A: 1400nm. These two wavelengths are more representative, most of the absorption film has a better rejection effect at 940nm.

The metallic film (insulation by reflecting heat) has a better rejection effect at 1400nm.

Please choose the appropriate model according to your own film.

2. 2. What are the advantages of LS163/LS163A over previous window film transmission meters?

The screen can rotate in four directions;

Three display interfaces can be switched:

- 1) UV rejection, IR rejection, VL transmittance
- 2) UV transmission, IR transmission, VL transmittance
- 3) VL transmittance