PRESTO®
Testing Instruments
Presto Stantest Pvt. Ltd.

TRANSMITTANCE TESTER

Infrared light sensor (1)

Visible light sensor (2)

Ultra violet light sensor (1)

Transmittance Tester is used to check the amount of Ultra violet (UV), Visible and infrared (IR) light is passing through a sample. The readings will be displayed in percentage. Manufacturing processes can result in different transparency grades, impacting the durability and integrity of the sample's interior walls.

This equipment is useful for different industries like Automotive (Window glass tints), eyewear (sunglasses), packaging, Plastic and bottling etc. to appropriately analyze the capacity of a sample to let UV, IR and Visible light radiations to pass.

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KEY FEATURES

1. Handheld device
2. Reading hold facility
3. Display mode - Rejection/Transmission as per industry norms
4. Screen Rotation facility at 360°
5. Battery operated model with USB slot charging facility
6. Sensor based advanced equipment.

KEY SPECIFICATIONS

S NO.	Technical specifications	Description
1.	Light source detection	Visible light, UV light, infrared Light
2.	Waveband	Visible light= 380 nm - 780 nm Ultraviolet = Peak wavelength 365 nm Infrared Peak Wavelength 940 nm Infrared = Peak wavelength 1400 nm Infrared = Full IR band
3.	Test slot dimensions	15 mm wide 60 mm deep
4.	Weight	175g
5.	Size	161 mm x 79 mm x 20 mm
6.	Accuracy	± 2%
7.	Resulution	0.1%
8.	Power Supply	Built in Rechargeable Battery
9.	Charging slot	USB
10.	Display mode	Visible light transmission= VLT Transmittance model - VLT+UVT+IRT Rejection mode- VLT+UVR+ IRR SHGC = VLT+UVT+IRT+SC+ SIRR+SHGC

Key abbreviations:
SHGC-Solar Heat gain Coefficient
SC-Solar Coefficient

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