

Tint Meter

TM-214



Application of light transmittance meter in automotive safety testing.

Application

This two-piece Tint Meter is a hand held device that measures the transmittance of various types of windows, automotive window film, organic material, painting, coating material, film, glass, and plastic sheet. This meter also has the ability to measure the sun blocking capabilities of window curtains. The police and inspection stations can use it to measure the total visible light transmittance (VLT).

Features

Display	3-digit LCD
Auto power off	the transmitter auto-power off in 60 seconds, and the receiver auto-shutdown in 90 seconds.
Battery life	4000 continuous measurements
Continuous use function	
Auto data hold function	
Dimension	107x60x30mm
Weight	Approximately 135g (batteries not included)
Battery	3V CR2032 X 2 (one per each device)
Operation temperature and humidity	0°C to 50°C, <80%RH (No condensation)
Storage temperature and humidity	-70°C to 50°C, <80%RH

Electrical Specifications

Environmental conditions at 23°C ± 5°C with < 80%RH.

Measurement Range of Transmittance	0% -100%
Measurement Range of Thickness	0mm~6.5mm(0"~1/4")
Accuracy	±2% (Calibration and traceable light source A 2856°K)
Repeatability	±1%
Response time	4 seconds
Resolution	1%