

Strainoptics

World Leader in Glass Stress Measurement

New Light Transmission Meter Measures Automotive Glass Transmittance in Seconds

The rigid bench construction and open sample throat design of the LT-2100 provides a stable platform for all types of automotive glass, and allows transmission tests to be performed at the actual installation angle for more accurate results. Its precision optoelectronics are insensitive to interference from ambient light sources.



The Strainoptics LT-2100 Light Transmission Meter is a bench-top instrument that measures the percentage of light through any transmissive material, from 0-100%. Ideal for automotive glass applications, it conforms to ISO and ECE-R43 requirements (Annex 3 par. 9.1) and can be used in conjunction with the following tests for light transmission: Annex 3, par. 9.1.2 and ANSI Z26.1 .

Specifications:

Range: 0-100% transmissivity
Display: 4-digit LCD on photodiode amplifier
Lamp: Quartz halogen, 12 Vdc 50 W
Separate voltage control to ensure proper color temperature

Power: 110 V/220 V 50/60 Hz, 50 W
Voltage Stability: Better than +/- 0.1%
System Linearity: Less than or equal to +/-2% FS

Dimensions (Optical Bench): 130 x 20.3 x 35.6 cm (51 x 8 x 14 in)

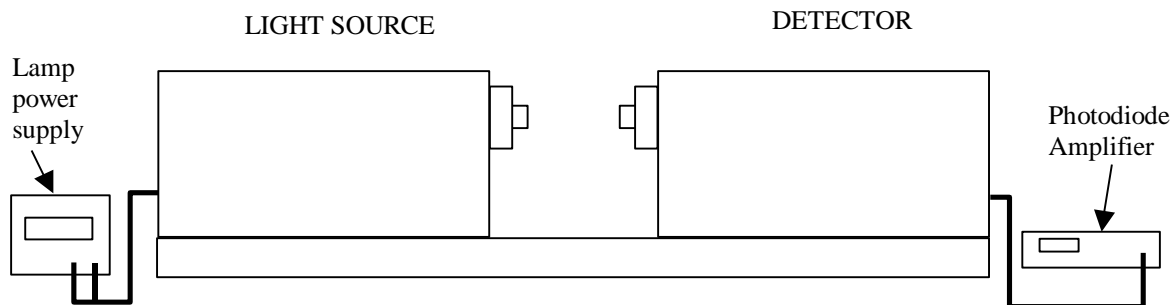
Net Weight (Optical Bench): 24.3 kg (53.6 lb)

(Lamp Voltage Power Supply): 30.5 x 12.7 x 15.2 cm (12 x 5 x 6 in)

(Photodiode Amplifier): 24.1 x 14.6 x 7.0 cm (9.5 x 5.75 x 2.75)

(Lamp Voltage Power Supply): 5 kg (11 lb)

(Photodiode Amplifier): 1.2 kg (2.6 lb)



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