

Window Tint Testing

AUTOLIGHT™

Why **AUTOLIGHT™**?

Window tinting can diminish driver vision through vehicle windows. This compromises the safety of driver and their passengers.

Safety is jeopardised when approaching vehicles with dark, non-regulatory approved window tinting. The internal space of the vehicle and its passenger's movements are not clearly visible.

What is **AUTOLIGHT™**?

AUTOLIGHT™ is a portable Light Transmission Meter. The meter measures the level of light transmitted through a tinted window to determine its safety level.

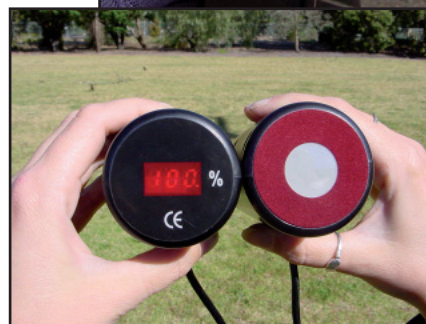
It is a lightweight, accurate and easy to operate tool for law enforcement officers. Some local regulations also require testing of tinted glass to ensure conformance, during vehicle safety inspections.

The **AUTOLIGHT™** meter provides inspectors with accurate readings that would otherwise be impossible by simple visual inspection.

How does **AUTOLIGHT™** work?

The light transmission meter consists of a light sensor built into the body of the instrument, a precision light source and a LCD display.

By aligning the light source and the sensor on either side of the window, the percentage of light transmitted through the window is measured. The degree of visibility is obtained from the reading.



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Three easy testing steps with **AUTO-**



STEP 1

STEP 1: Align **AUTOLIGHT™** to the side of the test window or windscreen so that the light source and light sensor overlap.



STEP 2

STEP 2: After aligning **AUTOLIGHT™**, press the measurement button to take a reading of the light transmitted through the window.



STEP 3

STEP 3: After the test is completed, the display window shows the percentage of light transmitted through the window.

Features

- Easy to operate by aligning two reader tubes
- Simple one button operation
- Can be used for side windows or windscreens
- Calculates the percentage of light transmitted through windows
- Lightweight (350g)
- Compact (190mm x 60mm)
- Automatic start function

Specifications

Monitoring

- Spectral sensitivity conforming to photopic curve V (λ) of relative illuminous efficiency of the CIE 1931 standard observer for photopic vision
- Compliant with ISO 3538:1997

Output

- 2856°K \pm 50°K, conforming to CIE illuminant A
- Lamp voltage stabilised within $\pm 0.1\%$
- Display: LED readout 0 - 100%, linear from 20 - 100%, $\pm 3\%$

Power Source

- 2 x MN 1604 batteries (9 volt)

DISTRIBUTOR

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