Auto*Light*

WINDOW TINT TESTING

TEST ALL CLASSES OF VEHICLES

Why **Auto*Light*?**

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

Safety is jeopardized when approaching oncoming vehicles with dark window tinting. The internal space of the vehicle and its passenger's movements are not clearly visible.

What is **Auto*Light*?**

Auto*Light*™ is a portable Light Transmissibility Meter. The meter measures the amount of light transmitted through a tinted window to determine its compiance. It is a lightweight, accurate and easy to operate tool for law enforcement officers and compliance testers.

Some local regulations also require testing of tinted glass to ensure compliance with vehicle safety inspection requirements.

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

How does **Auto*Light*** work?

The light transmissibility meter consists of a light sensor built into the body of the instrument, a precision light source and an LED 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.

UPGRADE TO AUTO*LIGHT* PLUS

The Auto*Light*™ Plus version allows results to be downloaded to a PC through a Bluetooth connection. This means that results can be collected, analysed and printed at the user's convenience.

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3 Easy testing steps with **Auto***Light*

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

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

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

> **AUTO***LIGHT* **PLUS ADDITIONAL FEATURE**
> WINDOWS DOWNLOAD CAPABILITY THROUGH BLUETOOTH CONNECTION

SPECIFICATIONS

RELEVANT STANDARD

- Compliant with ISO 3538:1997 & ASTM D-1003-00

SENSOR SPECIFICATION

- Spectral sensitivity conforming to photopic curve V (λ)of relative illuminous efficiency of the CIE 1931 standard observer for photopic vision

LIGHT SOURCE

- 2856°K ± 50°K, conforming to CIE illuminant A
- Lamp voltage stabilized within ±0.1%

ACCURACY

- Linear from 20 - 100%, ±3%

DISPLAY

- LED readout 0 - 100%
- Resolution: 0.1%
- Display is optimised for Digital photography

POWER SOURCE

- 2 x MN 1604 batteries (9 volt)

Step 1

Step 2

Step 3

DISTRIBUTOR