

# Window Tint Meter

This window tint meter is a handheld device that measures the amount of light that passes through a window. This is referred to as Visual Light Transmission (VLT).

This device is designed to measure the total VLT of a window after it has been treated with aftermarket window film. The device slides over a partially rolled down window, and then displays a reading on the LCD. The unit has its own internal light source, so can be used in all lighting conditions.

The unit uses 4x 1.5V AAA batteries, which are supplied. Batteries should be removed if the unit is not to be used for any extended period.

The unit has a self calibration function.



## How To Perform A Test

- Power on the unit by pressing the power key
- Place the two probes on each side of the glass in a central line. The meter will display the light transmission on the LCD display.

## How To Calibrate The Unit

- The CAL button is used to calibrate the tint meter
- For 100% light transmission, do not place any item between the two probes. The reading on the display should be 100%. If not, please press the CAL button. The meter is now calibrated to 100% light transmission. Please note that readings between 99% - 101% are acceptable.
- For 0% light transmission, slide the cardboard between the two probes. The reading on the display should be 0%. If not please press the CAL button. The meter is now calibrated to 0% light transmission.

## Specifications

- Resolution: 0.1%
- Accuracy:  $\leq 2\%$
- Wavelength: 550 Nanometers
- Testing thickness:  $< 18\text{mm}$
- Testing time: Max 4 seconds
- Transmission interface: RS-232C (optional cable available)
- Power source: 4x AAA batteries

## Roadworthy Testing Compliance

- This window tint meter is suitable for use with stated based Roadworthy Testing requirements, as it measures %VLT.
- Acceptable VLT for most Australian state laws is between 30 - 35% tint.

## Warranty

- This unit is supplied with a 12 month warranty. Please see [endeavourtools.com.au](http://endeavourtools.com.au) for full warranty details.