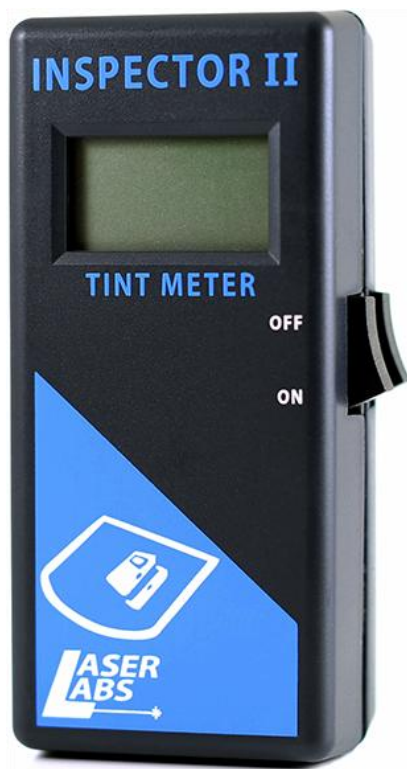


## 美国 TM2000 透光率仪



The Inspector II is a small, immanently useful tint meter. It can measure tint levels on any window, any time of day.

Make sure to activate the meters BEFORE placing them around glass to avoid misreadings.

Two piece design, so it works on any glass. A suction cup can hold one side in place for hard to reach windows, and magnets hold both sides together for an accurate reading.

Suited for inspection stations, where multiple windows are checked.

Fast, state of the art technology with a light at 550nm measures the total light transmittance. The green color is at the center of a human eye's light sensitivity.

最新款,更小的 TM2000II 取代了 TM200 和 TM400,用于测量不摇下窗户玻璃的透光率。TM2000 II 代透光率仪有两件式的设计,可以方便让你测试夹式的玻璃,这是理想的透光率检测仪器。





深圳市速德瑞科技有限公司

TM2000 透光率仪可以测量材料薄如窗口薄膜片或者长达半英寸厚的玻璃。磁铁排列机制，自动校准促进一贯准确的读数。对于难以到达的区域，吸盘附着光源的窗口的内侧。就像 TM200 和 TM400，检查员二不受环境光和因为它在夜间也可以准确执行测试任务。

每个仪器装有两个 (2) N.I.S.T.可追溯的参考样本，以验证其准确性。

## INSPECTOR II

### Tint Meter



### User Manual



### Getting started

You've purchased a top of the line Inspector II! Read this guide to understand its use.

The new Inspector II offers you the simplicity of autocalibration in a small, easy to use package. The Inspector II follows in the line of tint meters that have been in production by Laser Labs, Inc. since 1989.

The Inspector II is a full-featured tint meter for use on all car windows. It is used by police and inspection stations to measure total Visible Light Transmittance (VLT). The meter has an accuracy of  $\pm 2\%$  and can measure from 0% (totally black) to 100% (air only). Use the Inspector II to verify the legality of after market window tint.

### About your Inspector II

Your Inspector II has a light source in one box and the sensor and computer in the other box. The Liquid Crystal Display (LCD) shows the light transmitted by the glass and also the battery condition. Every time it is turned on using the on/off switches, the meter autocalibrates to 100%. This feature protects the meter against adverse conditions such as dust, temperature fluctuation, bright sunlight, and changes in battery voltage.

### How to use your meter

For officer safety, we suggest opening all vehicle doors under test.

#### Step 1

Wipe the window clean of any dirt. With the 2 units held together, turn on both boxes. The meter will autocalibrate and display "100".



#### Step 2

Leaving both units turned on, separate the 2 boxes and place the light source box behind the glass to test. Hold it in place by hand or by using the suction cup.



#### Step 3

Place the display unit on the other side of the glass and allow the magnets to self align the 2 units. On rear windows be sure that defroster lines do not block the light source, as this may lower the reading. The display will show the VLT. Turn both units off when testing is complete.

### Verifying accuracy

Reference standards are included with VLT values printed on their labels. The values are accurate to  $\pm 1\%$  of an NIST calibrated spectrophotometer at 550 nanometers. To verify the Inspector II is working properly and within specification, take a reading of the reference standards before you begin to use your meter. The meter should display a reading within 2% of the labeled value.

### Error codes

The computer generates error codes in case of faulty operation to protect the user from potential false readings.

- E1 Autocalibration error
- E2 Excess stray light
- E3 Factory calibration error
- E4 Excess radio frequency (RF) field
- E5 Temperature extreme

新款 TM2000:

替换 TM200 和 TM400

比 TM200 和 TM400 小 2/3

批准用于执法和检查站使用

仪器采用分体式设计可以在所有的玻璃上测量

自动校准，精确到 $\pm 2\%$ 的范围内

1 年原厂保修

包括：认证，两个参考样本，用户手册，携带箱

仪器通过得克萨斯州和佛罗里达州执法人员批准，不需要其他国家的批准。

### Measurement Range

The measurement reads out a value between 0% (opaque material such as cardboard) and 100% (pure air).

All Laser Labs, Inc. tint meters are accurate within plus or minus 2% and are not affected by humidity. They're reliable from 0° to 100° F, day or night.

Two NIST traceable reference samples are included with each meter. The lighter glass is high transmittance (65% to 80%), and the darker glass is low transmittance (20% to 35%).



## Technical Specifications

|                       |                                          |
|-----------------------|------------------------------------------|
| Measurement Range     | 0% to 100%                               |
| Temperature Range     | 0° to 100°F (-18C to 38C)                |
| Testing Time          | 1s                                       |
| Effect of Stray Light | Not affected                             |
| Power Source          | 2 lithium CR2032 3V batteries (included) |
| Weight                | 3.2 oz. (90g)                            |
| Dimensions            | 3.75 x 1.75 x 1.25 in. (95 x 45 x 30mm)  |

### 技术参数：

波长：550nm

准确性：±2%

测量范围：0-100%

温度范围：0-110° F

湿度范围：0-100%

测量厚度：0-2cm

灯寿命：10 年

电池：2 个 9V 电池

重量：90 克

尺寸：3.75\*1.75\*1.25 英寸（95\*45\*30mm）