



TTM313

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Tire Tread Depth Examiner



Scan for more information

TTM313 is a handheld tread depth laser detector with a measurement accuracy of up to 0.1mm. The innovative structural design makes the measurement not limited by the chassis height. It uses line laser to scan the entire tread surface and supports two modes: full tread surface measurement and single groove measurement.



0.1mm measurement accuracy



Supports two modes: full tread surface measurement and single groove measurement



Read single tire data in 3 seconds



Support to share reports by scanning code



Features

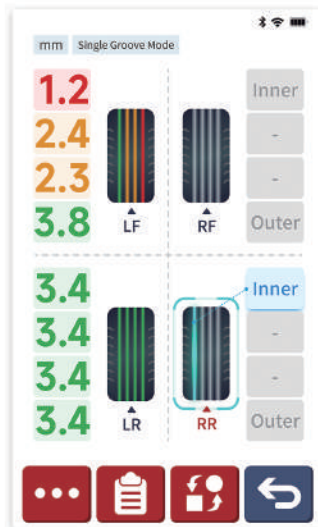
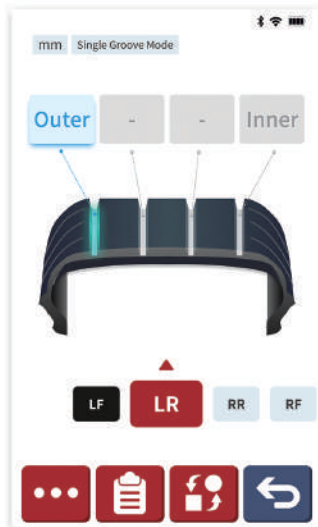
- 1.The innovative structural design makes the measurement not limited by the chassis height, which is convenient and easy to use.
- 2.Support full groove detection, scan the entire tread surface at one time, obtain the number of grooves and the depth data of each groove, and output the detection report.
- 3.Supports single-groove detection, that is, measuring the depth of individual grooves or small tire treads. And output a single tire detection report.
- 4.0.1mm measurement accuracy, real-time display of measurement results.
- 5.180mm laser measurement width, supports more tire specifications.
- 6.Generate professional inspection reports and maintenance recommendations, which can be shared by scanning the QR code after connecting to Wi-Fi.

Functions

- 1. Tire tread depth measurement:** Supports one-time measurement of the entire tread surface for a single tire and also supports single-groove detection, that is, measuring the depth of individual grooves or small tire treads.
- 2. Test report:** Quickly generate a tire tread inspection report that displays tread data, wear analysis, estimated braking distance, maintenance recommendations, and more. After connecting to Wi-Fi, the report can be shared via a QR code.
- 3. Detection parameter settings:** Supports setting of number of tires (up to 6), tread depth standard and unit.
- 4. Equipment calibration:** Can be used with the calibration block, users can calibrate the measurement accuracy of the device as needed.
- 5. Used with a variety of SmartSafe connection terminals:** Can be used with ST13/P13/P03 and other devices to display and save measurement results synchronously.
- 6. System settings:** Supports Wi-Fi connection, language switching, screen brightness adjustment, automatic sleep, software update and other functions.

Parameters

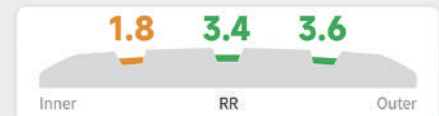
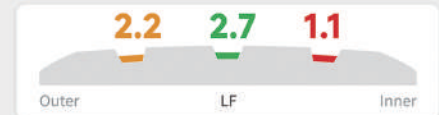
CPU	RK3326	Measurement accuracy	0.1mm
Memory	2GB	Maximum measured width	180mm
Storage	32GB	Communication mode	Wi-Fi (support 2.4GHz/5GHz dual-band) Bluetooth
Screen	3.97 inches, LCD touch screen, resolution 480×800	Charging input	DC 5V/2A
Measuring camera	2 million pixels	Operating temperature	0~45°C
Battery	5000mAh/3.7V	Storage temperature	-20~60°C
Photography camera	8 million pixels		



Report

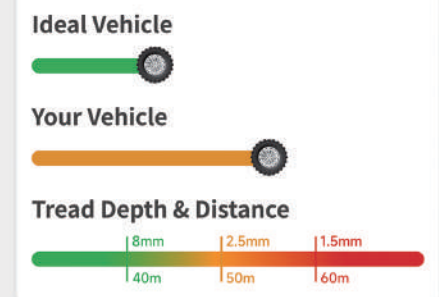


Tread Depth Data (mm)

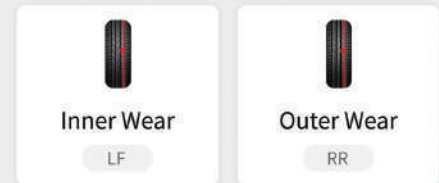


- Normal** $\geq 2.5\text{mm}$
- Warning** $2.5\text{mm} > \text{Depth} \geq 1.6\text{mm}$
- Danger** $< 1.6\text{mm}$

Braking Distance (80km/h)



Tire Wear



Repair Recommendations

- Four-wheel alignment check
- Replace tires **LF**