



TTM113

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Tire Tread Depth Examiner



Scan for more information

TTM113 is a handheld tire tread depth examiner with a measurement accuracy of up to 0.1mm. The innovative structural design allows the measurement to be independent of the chassis height. The full tread can be measured in one go by using a line laser scan.



High-Precision Measurement



Examine All Treads in One Test



Professional Inspection Report



Lightweight and Flexible Measurement



Features

1. The innovative structural design makes the measurement not limited by the height of the chassis, which is more convenient to use;
2. Scan the entire tread with a line laser to obtain the number of grooves and the depth of each groove at one time;
3. 0.1mm measurement accuracy, real-time display of measurement data;
4. 180mm laser measuring width, supporting tires of more specifications;
5. Supports the generation of professional inspection reports and maintenance suggestions, and can scan codes and share after connecting to WIFI.

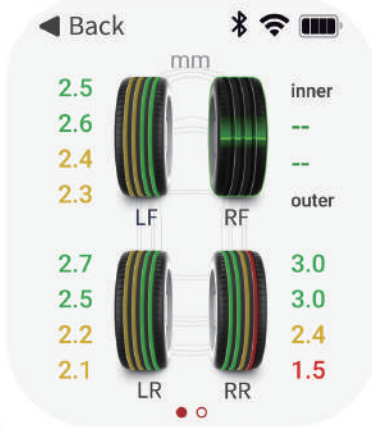
Functions

- 1. Tread depth measurement:** support one-time measurement of the entire tread of a single tire;
- 2. Inspection report:** quickly generate tread depth inspection report, display tread depth data, wear analysis, braking distance estimation, maintenance suggestions, etc., and can scan the code to share after connected to WIFI;
- 3. Detection parameter setting:** support setting the number of tires (up to 6) and tread depth unit setting;
- 4. Equipment calibration:** with the calibration block, the user can calibrate the measurement accuracy of the equipment as needed;
- 5. It can be used with a variety of Smartsafe connection terminals:** such as ST13, ST10, P01, P03, etc., to display the measurement results;
- 6. System Settings:** Supports Wi-Fi connection, language switching, screen brightness adjustment, automatic sleep, software updates, and more.

Parameters

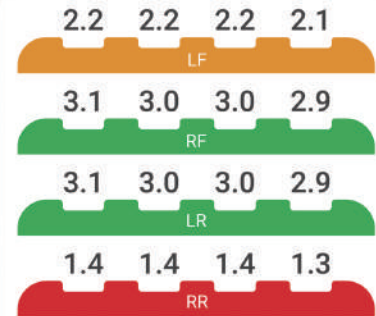
Accuracy	0.1mm	Battery	3000mAh
Laser Width	180mm	Charging Port	Type C
CPU	ARM Cortax A53	Input	5V / 1A
RAM/ROM	2GB / 8GB	Working Temperature	0~45°C
Display	1.7inch 240×280 Pixel	Storage Temperature	-20~60°C
Wi-Fi	2.4GHz	Size	224×97×70mm
Camera	2M Pixel 30fps		

Display real-time measurement data and quickly generate inspection reports.



Report

Tire Tread Data (mm)



- Normal** ≥ 2.5mm
- Warning** 2.5mm > Depth > 1.6mm
- Danger** ≤ 1.6mm

Braking Distance (80km/h)

Ideal Vehicle



Your Vehicle



Depth	8mm	2.5mm	1.5mm
Distance	40m	50m	60m

Tire Wear



Inner Tire Wear

LF



Inner Tire Wear

RF



Inner Tire Wear

LR



Outer Tire Wear

RR

Maintenance & Repair Recommendations



Four-wheel alignment detection



Tire replacement
LF, RR

Supports Bluetooth connection to tablet terminals, allowing you to view historical inspection records and report details.

