

Parameters

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

TTM113

Tire Tread Depth Examiner

New
Function

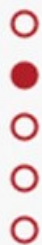
Added Single Groove Detection

TTM113 is a handheld tire tread depth laser detection device with a measurement accuracy of up to 0.1mm. The innovative structural design allows measurements without being limited by chassis height, supporting two detection modes: full tread surface detection and single groove detection.



Full tread surface detection utilizes line laser scanning across the entire tire surface, enabling one-time completion of full tread surface measurement and outputting detection reports.

Single groove detection refers to measuring the depth of individual tire grooves or small tire patterns, with the output of individual tire detection reports.



Single groove detection



Full tread detection

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The single groove detection function of TTM113 can meet the measurement needs of irregular tire grooves and applications where only individual tire grooves and patterns need to be measured. On the main interface of TTM113, select "Single Groove Detection", choose the tire to be inspected, place the magnetic suction head against the groove to be inspected, lightly press the switch button, and the depth of the groove will be detected, generating an inspection report.



Single groove detection



Tire tread data (mm)

1.2



Inner side

Left front

Outer side

Normal $\geq 2.5\text{mm}$

Warning $2.5\text{mm} > \text{depth} \geq 1.6\text{mm}$

Danger $< 1.6\text{mm}$

Repair suggestions



Replace tires

Left front

Single groove detection report

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Application scenarios

