

ThinkCar THT118 Tire Tread Depth Gauge

Quick Scan, Safe Drive — THT118 , the smart pick for tire tread inspection



0.1mm
measurement
accuracy



Full Tread
Measurement /
Single Groove
Measurement



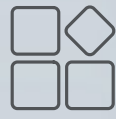
Read single
tire data
in 3 seconds



DOT Identification
for Tire Warranty and
Production Date
Identification



One-Click
Report
Sharing



Terminal
Connection



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THT118 is a handheld tire tread inspection tool utilizing laser measurement and image recognition technology. It accurately measures the number and depth of tire grooves, supporting both [Full Tread Measurement] and [Single Groove Measurement] modes with a measurement accuracy of 0.1mm. This enables precise and rapid detection of tire wear conditions. The tool can be used independently or integrated with inspection equipment to view and print detailed tread inspection reports, providing richer and more comprehensive information presentation.



Product Features

- **High Measurement Accuracy**
Measurement accuracy can reach 0.1mm.
- **Multiple measurement modes for more versatile applications**
Supports both full-tread measurement and single-groove measurement modes to meet diverse tire application requirements.
- **Compact and portable design for easy and convenient use**
Compact size for easy portability. Over 80% of vehicle models support non-disassembly/non-lifting measurement, making it simple and practical.
- **Unlock more comprehensive tire data**
Supports more tire specifications, measuring up to a maximum width of 180mm.
Supports DOT identification for tire warranty and production date recognition.
Supports retrieval of comprehensive reports including wear level assessments, braking distance analyses, and replacement/maintenance recommendations.
- **One-click sharing, linked to terminal devices**
Support one-click sharing of QR codes to view inspection reports and maintenance recommendations.
It can be used in conjunction with terminal devices to synchronously display and save measurement results.

Product Functions

- **Tire tread depth measurement:** Supports one-time measurement of the entire surface for a single tire and also supports single-groove detection, that is, measuring the depth of individual grooves or small tire treads.
- **Detection parameter settings:** Supports setting of number of tires (up to 6), tread depth standard and unit.
- **Tire Information Scanning:** Supports DOT scanning to identify tire production dates and warranty periods, while enabling users to photograph tires and insert images into inspection reports.
- **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.
- **Equipment calibration:** Can be used with the calibration block, users can calibrate the measurement accuracy of the device as needed.
- **System settings:** Supports Wi-Fi connection, language switching, screen brightness adjustment, automatic sleep, software update and other functions.

Product Parameters

- CPU: RK3326s
- Memory: 2GB
- Storage: 32GB
- Screen: 3.97 inch LCD touchscreen with 800*480 resolution
- Measuring Camera: 2-megapixel
- Photography Camera: 8-megapixel
- Measurement Accuracy: 0.1mm
- Measurable Tread Depth: 2-15mm
- Communication Method: Wi-Fi (support 2.4GHz/5GHz dual-band) Bluetooth
- Battery: 5000mAh/3.7V
- Charging Input: DC 5V/2A
- Operating Temperature: 0~45°C
- Storage Temperature: -20~60°C
- N.W/G.W: 2.1kg/2.5kg
- Package Dimensions: 348*137*273mm