# THINKTOOL T77&T78
# Product Description
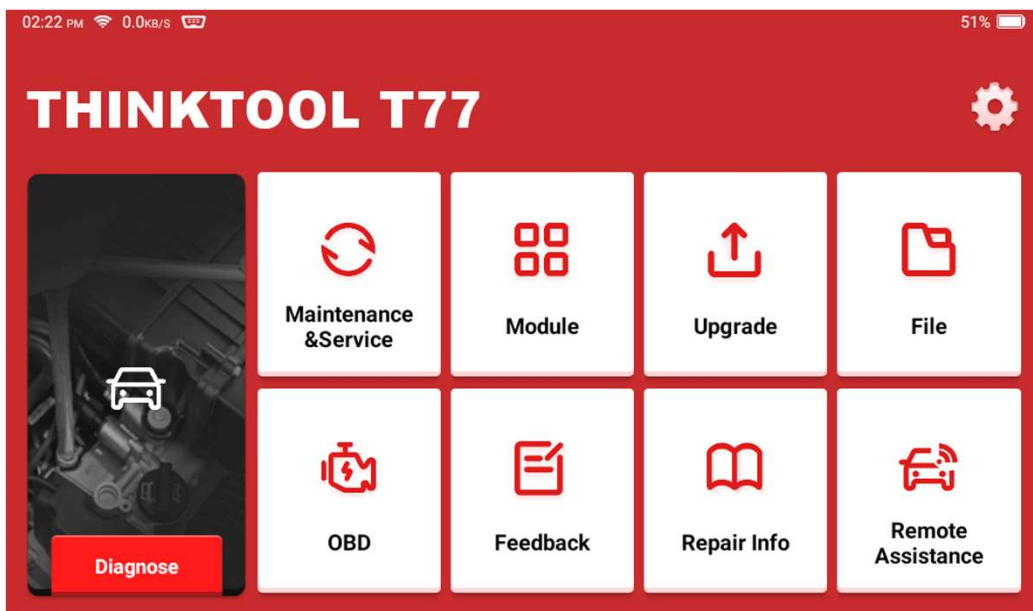
星卡科技

# 目录
CONTENTS

# 01 Product introduction



02:22 PM 0.0KB/S 51%

**THINKTOOL T77**

- Maintenance &Service
- Module
- Upgrade
- File
- OBD
- Feedback
- Repair Info
- Remote Assistance

Diagnose

The model names are different according to different channels: the model with diagnostic line in all channels is Thinktool T77, the US/European model with VCI is Thinktool  T78, and the overseas offline model is Thinktool Lite2.

THINKTOOL T77/T78 products are newly launched DIY products by Thinkcar. This model is a DIY product based on the Android 10.0 system. It has a smart OBD 2 code reading card function and supports the standard OBDII&EOBD protocol after 1996. There are two models both support CANFD and DoIP protocols, and have professional vehicle diagnostic software that supports functions such as reading version numbers, reading fault codes, clearing fault codes, reading data streams, coding, and action testing. It supports 34 types of car maintenance functions. It is one function A powerful and cost-effective smart car diagnostic tool.

# 02 Selling point

- 7-inch high-definition LCD screen

Two configurations, more choices:
- T77 is equipped with a 1.2-meter pluggable DB15 diagnostic cable, which supports CANFD and DoIP protocols, making diagnosis stable and reliable;

- T78 is equipped with Diag mini 2 Bluetooth connector and supports CANFD protocol; it can support DoIP protocol through conversion line expansion, making diagnosis more convenient;

- The system supports 18 languages (English, French, German, Italian, Spanish, Portuguese, Japanese, Russian, Polish, Hungarian, Arabic, Greek, Slovak, Dutch, Korean, Turkish, Czech, traditional Chinese)

- Unique dual color matching style, showing personality

Support OBDII protocol & EOBD protocol：
ISO 14230-4 (KWP2000)
ISO 15765-4 (CAN)
ISO 9141-2 (ISO)
ISO 14229 (UDS)
SAEJ 1850 (VPW&PWM)
CANFD
DoIP

# 03 Features

THINKTOOL T77/T78 has 10 main modules: Intelligent diagnosis, OBD function, maintenance function, suggestions and feedback, maintenance information, file management, software updates, system settings, expansion modules, and remote assistance。

1. Diagnose: This function is used to read and clear the DTC in the ECU memory of the vehicle under test, and read and display the real-time data of the vehicle ECU.

2. OBD: diagnose engine-related problems, read ECU and other information.

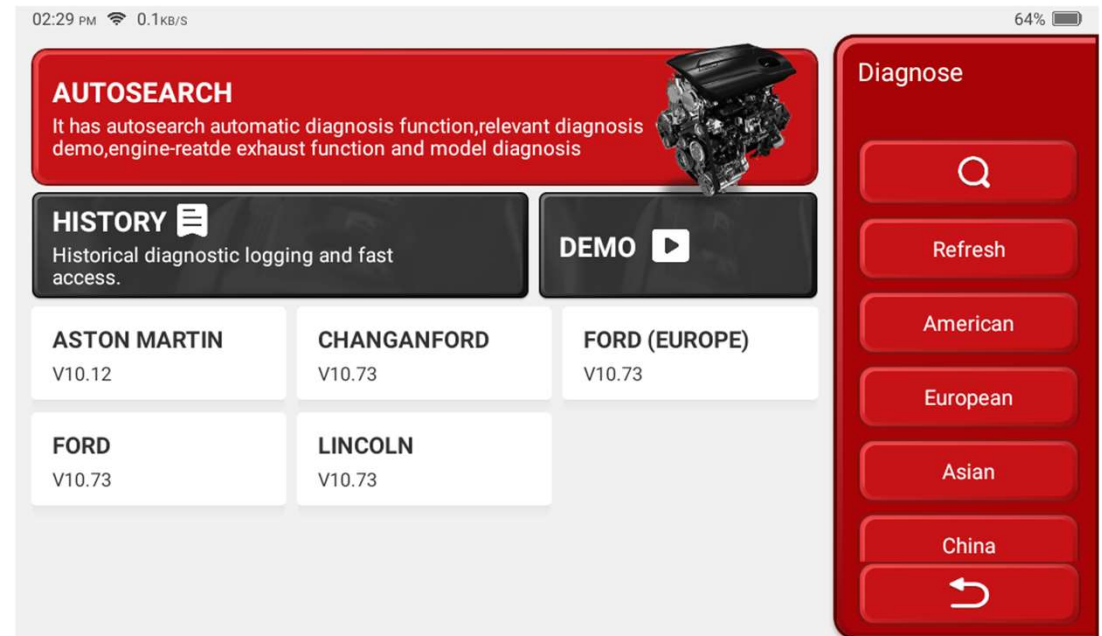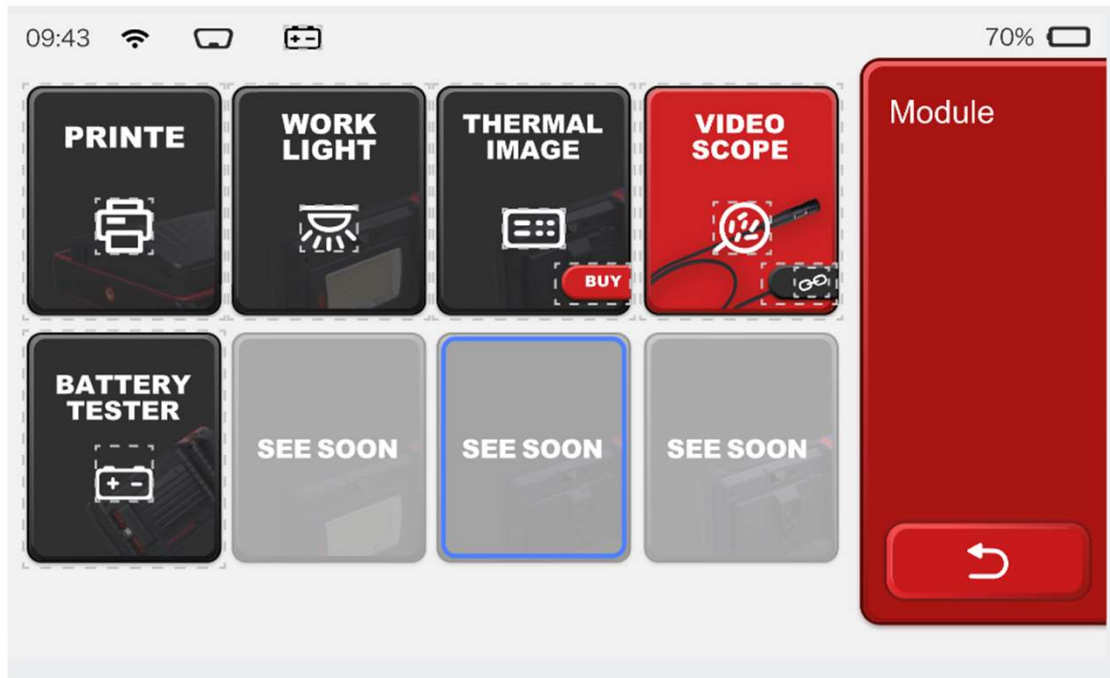3. Maintenance & Service: supports the most common maintenance functions.

# 03 Features

4. Feedback: Users can submit problems encountered during use, and professionals will analyze and provide solutions.

5. Repair Info: including product electronic manuals, instructional videos, and fault code libraries. Users can check the user guide and other related product information.

6. File: used to establish files for diagnosing vehicles. These files are created based on the vehicle VIN and inspection time and include all diagnostic-related data such as diagnostic reports, data flow records, and screenshots.

# 03 Features



7. Update: This module provides product update diagnostic software and App software services.

8. Settings: Here you can perform common system settings, modify and add information.

9. Module: supports USB printer, USB oscilloscope, USB endoscope, Bluetooth battery clip, tire pressure stick, etc.

10. Remote assistance: supports remote control.

# 04 Parameter comparison

| 名称 | THINKTOOL T77 | THINKTOOL 78/Lite2 | THINKTOOL Lite |
|---|---|---|---|
| CPU | MT8365，Cortex-A53 4Core，2.0GHZ | MT8365，Cortex-A53 4Core，2.0GHZ | MT6761，Cortex-A53 4Core，2.0GHZ |
| RAM | 4G | 4G | 2G |
| ROM | 64G | 64G | 32G |
| Camera | None | None | Equipped |
| Display | 7inch（1024*600） | 7inch1024*600） | 6inch（1280*800） |
| Interface | TYPE-Ccharging port、USB 2.0 | TYPE-Ccharging port、USB 2.0 | TYPE-Ccharging port、USB 2.0 |
| WIFI | 2.4G/5G 802.11 a/b/g/n/ac | 2.4G/5G 802.11 a/b/g/n/ac | 2.4G/5G 802.11 a/b/g/n/ac |
| battery | 6000mAh/3.8v | 6000mAh/3.8v | 6300mAh/3.8v |
| 蓝牙 | BT5.0 | BT5.0 | BT5.0 |
| Certification requirements | CE 、FCC 、IC、ROHS、CP65、UKCA、Environmentally friendly certification, disposable certification | CE 、FCC 、IC、ROHS、CP65、UKCA、Environmentally friendly certification, disposable certification | CE 、FCC 、IC、ROHS、CP65、UKCA、Environmentally friendly certification, disposable certification |
| Diagnostic connector type | 1.2 meter DB15 Removable diagnostic cable | Diag Mini2 Bluetooth diagnostic connector | Diag mini3（The new）Diag mini（The old） |
| CANFD、DoIPprotocol | Supported | Supported | Not supported |
| Software configuration | No mall, no purchase<br>Full system and full function before leaving the factory, no online programming<br>(two years)<br>Maintenance functions: 34 maintenance functions<br>Payment instructions:<br>Free activation for 2 years, free upgrade within 2 years<br>You can use the old version without upgrading | No mall, no purchase<br>Full system and full function before leaving the factory, no online programming<br>(two years)<br>Maintenance functions: 34 maintenance functions<br>Payment instructions:<br>Free activation for 2 years, free upgrade within 2 years<br>You can use the old version without upgrading | No mall, no purchase<br>Full system and full function before leaving the factory, no online programming<br>(two years)<br>Maintenance functions: 28 maintenance functions<br>Payment instructions:<br>Free activation for 2 years, free upgrade within 2 years<br>You can use the old version without upgrading |

# 05 Target customers

## For people

- Automotive Repair Technician
- Small and medium-sized repair shops
- 4S store
- Individual car owners who like in-depth DIY vehicles

## Application scenarios

- Maintenance technician: Convenient to carry when performing roadside rescue or door-to-door service.
- Small repair shops: There is no need to purchase expensive diagnostic instruments, THINKTOOL T77/T78 can also meet the fault diagnosis of different brands of vehicles.
- In-depth DIY car owners: Car owners with certain maintenance skills and strong hands-on ability can always have this powerful, economical and complete diagnostic equipment.

# THANK YOU

星卡科技