

❖ **Image**❖ **Introduction**

- **MD SCANNER** is an impression & professional product with low cost but cover all of system of Engine (*ECM/DME*), Transmission (*AT*), Supplemental Restraint System (*SRS*), Anti-lock Break System (*ABS*), Dashboard (*IC*) and all other electronic control system on Transmission, Body, Chassis and CAN Communication. It also covered for all vehicle manufacturers from Japan, European, USA, Korea and all OBD-II Engine and joint venture in the world.

- MD Scanner compatible for all cars are 16-pin trapezium connector with EOBD, MOBD, JOBD, OBD-II on the cars from 1996 to now in domestic and international market. It support both Cars and Light trucks with 12V battery.

- Equipment use operating system and an external memory card, free updates. In particular, the device is designed to work for Hyundai, Kia, Daewoo manufactures, such as Kia Bongo III, Porter II Hyundai, Hyundai Starex, Libero...

- Software upgradeable via internet.

❖ **Application**

The professional scanner for: **TOYOTA, LEXUS, SCION, HONDA, ACURA, SUBARU, MITSUBISHI, SUZUKI, ISUZU, NISSAN, HYUNDAI, KIA, DAEWOO, MAZDA, HOLDEN, BENZ, SMART, MAYBACH, BMW, MINI, VOLKSWAGEN, SEAT, SKODA, AUDI, OPEL, LAND ROVER, JAGUARD, VOLVO, PORSCHE, SAAB, FORD, VAUXHALL, GM, CHRYSLER,**

❖ **Function****1. Main function:**

Read /Clear fault code for the systems:

- + *Powertrain control module, Engine control module (PCM/ECM)*
- + *Antilock brake system (ABS)*
- + *Supplemental restraint system (SRS)*
- + *Traction control system (TCS)*
- + *Automatic tranxle system (AT/EG)*
- + *Body system (Door Lock, Lighting, Wiper, Window...)*

- + *Instrument panel system (IP)*

- + *Immobilizer system (IMMO)*

- + *Security system*

- + *Tire pressure monitoring system (TPMS)*

- + *Air conditioning system (AC)*

- + *Electronic mirror system*

- + *Electronic seat control system*

- + *Combination switch system*

- + *Vehicle information systems*

- + *Electronic shock absorber control system (ESAC)*

- + *Cruise control system (CCS)*

- + *Electronic power steering system (EPS)*

- + *Navigation system (NAV)*

- + *Charging & starting system*

- + *Remote engine starter*

- + *Parking assist monitor system*

- + *Hybrid control system*

- + *Radio system*

- + *The other electronic control system on vehicle*

- + *Other special functions (depending on vehicle)*

**2. Other functions**

- Reset ECU, turn off the check engine light

- Show live data

- View freeze frame

- O2 monitor test

- Retrieving I/M readiness status

- Check actuators (*leak test for the vehicle's EVAP system*)

- Viewing vehicle information (*VIN*)

- Show current data, Graphing data

**PEUGEOT, CITROEN, RENAULT, DACIA,  
FIAT, ABARTH, ALFA ROMEO, LANCIA ...**

Example for the following Toyota cars do not work with OBD-II, although diagnostic connector is the same 16-pin OBD-II connector then it will work well with this MD Scanner:

+ **Engines:** 15BT, 1AZ-XX, 1CD-FTV, 1E, 1FZ-FE, 1GR-FE, 1HD-XX, 1HZ, 1KD-FTV, 1KZ-XX, 1MZ-FE, 1RZ, 1SZ-FE, 1TR-FE, 1WZ, 1ZZ-FE, 2AD-TRB, 2AZ-FE, 2C-XX, 2E-XX, 2GR-FE, 2JZ-XX, 2KD-FTV, 2L-XX, 2RZ-XX, 2TR-FE, 2TZ-XX, 2UZ-FE, 2VZ-FE, 2S-E, 2ZZ-XX, 3C-TE, 3L, 3E-XX, 3MZ-FE, 3RZ-FE, 3S-XX, 3VZ-XX, 3ZZ-FE, 4A-XX, 4E-FE, 4ZZ-FE, 5E-FE, 5K, 5S-FE, 5VZ-FE, 7A-FE, 7M-XX, 22R-XX...

+ **Models:** Avensis, Avalon, Camry, Carina, Corolla, Crown, Corolla, Celica, Cressida, Dyna, Zace, Altis, Innova, Sienta, Supra, Harrier, Prado, Previa, Picnic/Sports Van, Land Cruiser, Hilux, Hiace, Fortuner, Rav4, Yaris, Starlet, Supra, Paseo, LiteAce, 4-Runner, Tacoma, Tercel, MR-II,...

*([Reference in MOBD Toyota car list](#))*

**❖ Technical details**

- Screen resolution 320 x 240 pixels
- Operating Temperature: 0 to 60 (oC)
- Storage Temperature: -20 to 70 (oC)
- External Power: 12 to 18 V
- Dimension: 212(L) x 110.5(D) x 37.5(W) mm

**❖ Advantage**

- Support very well for all cars and trucks in the world
- Better repairing from [DTD Code](#) expander software (*Product code on website: ET1005*)
- Very reliable and stable because not using the operating system.
- Professional product and low cost
- Online support technical by DTDAUTO technician
- Easy to use (*follow instructions on the screen of the tool*)
- Convenient design
- Reliable
- High quality
- Software upgradeable free via the internet
- Support very well for Japan, European, US cars

**❖ Package**

- Main Machine with LCD inside
- DTD Code software license on PC
- Documents & CD
- USB cable for connect to PC
- OBD-II cable for connect to vehicles
- Handbag

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