

❖ IMAGE

Image of equipment

❖ INTRODUCTION

- CAN BUS system is an new automotive training equipment (CAN BUS - controller area network on new generation automotive from 2006) researched and manufactured by DTDAuto Technology Team, Institute of Physics, Hanoi, Vietnam.
- This equipment is special designed as teaching aids and learning tools for universities and technical training where trainees are taught both theory and practice of CAN BUS system on automotive.

❖ FUNCTION & MAIN APPLICATIONS

- Exploratory research principles, and operations of CAN Bus system
- Supply sufficient information about the structure, working principles of CAN Bus systems in an intuitive manner, lively.
- Support simulation, fault diagnosis and testing of the CAN bus system, supporting students the ability to analyze and solve the common defects that may occur
- Support multi-media in teaching, setting professional teaching environment and standard evaluation system.

❖ TECHNICAL FEATURES

- CAN BUS system connect and communication with the instrument panel and a number of other devices of engine and vehicle's body.
- Software on the computer and testing equipment to check online connection to the device can test the connection in the communications network, system fault diagnostics, system errors removed
- The function of the oscilloscope graphs display that can read exactly CAN BUS waveform in the normal state and fault status (optional)

- Perform data exchange of CAN BUS system on the computer (optional)
- Create fault by hitting PAN, convenient for teachers to teach and students to practice
- Check the voltage signal of each connector, convenient for defect analysis
- Electrical wiring diagram is shown details in Panel of the device convenient for circuit analysis
- Electricity used: 220VAC/50Hz and 12VDC/35A
- Total weight: about 75 kg
- Size range: (2400H x 1800W x 800D) mm

❖ COMPONENTS

- 1) Engine control unit
- 2) Left, front door control unit
- 3) Right, front door control unit
- 4) Left, rear door control unit
- 5) Right, rear door control unit
- 6) Door key switch
- 7) Door control light
- 8) Light switch
- 9) Engine control module
- 10) Gear box control system (integrated in ECM)
- 11) ABS control system
- 12) Odometer
- 13) Key switch system
- 14) Frame, anti vibration bracket, powder coated
- 15) Electronic Systems merge, hitting PAN, computer diagnostic connection
- 16) Computer, bracket
- 17) Copyrights software on CD paired with License key
- 18) Guide book
- 19) Batteries 12V / 35A (optional)

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