

❖ Image**❖ Configuration of equipment**

- VE-Trainer 1.0 software runs on Windows with lively graphics interface: images, parameters and graphs of operation principles of electrical equipment, circuits and electronic control system.
- It is also possible to connect online to boards to get characteristic study, signal pulse, operation principles & control of sensors and actuators
- 25 boards of basic functions are used to practice multi-purpose electrical circuits, principles, structure, activities, testing, fault diagnosis, repairing and troubleshooting.

❖ Features

- This equipment includes boards of basic functions, separate components with a vivid simulation of operation principles, circuit diagram and Electronic control
- Trainers and trainees can use it to measure, test parameters of each part directly or through a computer, set actual incidents to form skills as

❖ Functions

- This training-equipment provides all basic elements in technique training such as: Listening, Watching, Acting; it also provides online multimedia-simulation with specialized software
- Construction of the system is built on the basis of real parts of Electric & Electronic System
- It is possible to connect to your computer to control, simulate, display, diagnose faults, and graph the operation of circuits, sensors, Electronic control system and the actuator

❖ Application

VE-TRAINER is the perfectly-designed specialized equipment with high training quality and used in vocational schools where trainees are taught both theory and practice of Electric & Electronic system in modern vehicles

❖ Components

- Panel & cabinet (*containing equipment & frame*)
- Multi-purpose Power Supply
- 25 boards of basic function:
 1. Sensor common board
 2. Relay board
 3. Fuse board
 4. Switch board
 5. Electronic part board
 6. Lighting board
 7. Ignition board
 8. ISC valve & Injector board
 9. ECU board

well as knowledge of repairing and troubleshooting

- Especially, this equipment is open-designed for trainers and trainees to create or assemble boards according to each request of lessons from basic to advanced, from simple to complex with many methods and measuring instruments.

- Training computer-software supports information of basic theory, images, study graphs, model assembling, online simulations and lively lectures.

❖ **Specifications**

- Voltage used: 220VAC/50Hz, 12VDC/50A.
- Total weight: about 50 kg
- Dimensions: 1600 X 1900 X 600 mm
- This kind of product is indoor equipment

10. Actuator board
 11. Multi-meter board
 12. Headlight board
 13. Micro-controller board
 14. Camshaft & Crankshaft Sensor board
 15. Temperature & MAP Sensor board
 16. Rear & Brake lamp board
 17. Data collection board
 18. Horn & turn signal warning light board
 19. Throttle position & Thermo-time switch board
 20. Antenna board
 21. Coolant fan board
 22. Warning lamp board
 23. Oxygen & Knock Sensor board
 24. PAN board
 25. Starter board
- VE-Trainer 1.0 software (*licensed software for only 01 computer*)
 - 01 Computer & 01 computer table (*extra optional, not included in quotation*)
 - Technical documents