

## **ENGINE TRAINING SYSTEM**

**MODEL: ENG01**



### **FEATURES**

- Compact, comprehensive, sturdy design
- Easy and versatile operation

### **DESCRIPTION**

The unit consists of an IC Engine mounted on a sturdy frame. All the necessary accessories like radiator, air filter, silencer, etc are supplied along with the engine. The engine is in working condition. It can be used for training students on basic concepts of IC Engines and hands on experience in maintenance of an IC Engine.

Optionally a fault induction panel is supplied that can be used to deliberately induce fault in the engine. Students are trained on fault finding. Any type of engine including MPFI or CRDI are supplied as per the user requirement.

All types of engine like single cylinder or multi-cylinder using either petrol, diesel, LPG or CNG can be supplied.

### INSTRUCTION MANUAL

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- Self-explanatory operating manuals are provided with each system.

### OPTIONAL ADDITIONAL

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- Fault induction panel
- Engine scanner
  - Features of engine scanner
    1. OBD full functions: (Check Engine Light)
      - Read current Fault Code (DTCs)
      - Read permanent DTCs
      - Read pending DTCs
      - Clear/Erase Fault Code (DTCs) & Reset Monitors
      - Read dynamic data streams and MIL
      - Read readiness status
      - Query freeze frame data
      - O2 sensor test (Selected Petrol Cars Only)
      - On-board monitor test (mode 6)
      - Read vehicle information (VIN)
    2. Colour and graphical display of data streams
    3. Query DTCs
    4. Free update of USB interface via internet
    5. Multilingual support

### MODEL

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- ENG01-A: Three cylinder MPFI engine
- ENG01-B: Four cylinder MPFI engine
- ENG01-C: Four cylinder CRDI engine

### SERVICES REQUIRED

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1. Electric supply

#### **NiYo Engineers**

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- (1) Since research and development is an on-going activity, the specifications mentioned herein are subject to change without notice
- (2) Photographs are indicative only