



### Product requirements:

- The equipment adopts the real parts of the engine electronic control system, and fully demonstrates the composition structure and working process of the engine electronic control system.

### Features:

- The real and operational engine electronic control system simulates the operation of the engine crankshaft, which can generate spark plug ignition, fuel pump operation, injector fuel injection and other executive components, fully demonstrating the composition and working process of the engine electronic control system.
- The measurement panel of the training platform is painted with a color inkjet circuit diagram, which is made of high-strength aluminum-plastic plate with a thickness of 4mm. , not easy to fade and other characteristics; students can intuitively compare the circuit diagram and the real object, understand and analyze the working principle of the engine electronic control system.
- The detection terminal is installed on the panel of the teaching board, which can directly detect the electrical signals of the circuit components of the engine electronic control system, such as resistance, voltage, current, frequency signals, etc. on the panel.
- A diagnostic socket is installed on the panel of the teaching board, which can be connected to a dedicated or general-purpose car decoder to perform self-diagnosis functions of the engine electronic control system such as reading fault codes and clearing fault codes.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777  
 India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,  
 Sitapura Extension, Jaipur-302022, India.



info@tesca.in  
 www.tescaglobal.com

- The training bench is made of international standard aluminum alloy profiles. It has the characteristics of light weight, high strength, corrosion resistance and long service life. It does not need to go through the spraying process, which is more environmentally friendly and has a more beautiful and high-grade appearance. The device is flexible, safe, reliable and durable.
- The teaching board works with ordinary 220V AC power supply, which is converted into 12V DC power supply through internal circuit transformer rectification, without battery, reducing the trouble of charging, and the 12V DC power supply has the function of preventing short circuit.

**Technical parameters:**

- Size: 1600\*800\*1800mm (L\*W\*H)
- Power supply: AC220V

**The basic configuration:**

- Detection control panel Equipped with various detection terminals, color circuit diagram and schematic diagram of working principle Set 1
- Instrument cluster set 1
- Diagnostic socket OBD II 1
- Ignition switches 1
- Ignition system Including engine control computer (ECU), crankshaft position sensor, igniter assembly, spark plug, etc. set 1
- Fuel Tanks 10L pcs 1
- Gasoline pump (including gasoline pump plug) set 1
- Oil pump relays 1
- Injector with 4 120ml glass measuring cups Set 1
- Injectors 4
- Fuel pressure gauge 0~10kg/psi 1
- Crankshaft position sensor and signal wheel cover 1
- Throttle body assembly set 1
- Accelerator pedals 1
- Fault Setting System Set of 1
- Mobile platform (with self-locking caster device) 1600×700×1800mm(L×W×H) 1

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