

**Product requirements:**

- The equipment is based on the dual-engine hybrid system, and can perform practical operations on the engine under starting, accelerating, decelerating and other working conditions, and truly demonstrates the composition and working process of the gasoline-electric hybrid engine. It is suitable for the teaching needs of oil-electric hybrid engine and maintenance training in middle and higher vocational and technical colleges, general education colleges and training institutions.

Main components:

- Engine assembly, transmission assembly, power battery, frequency converter, original vehicle engine computer, transmission computer, hybrid computer, combination instrument, all related original vehicle accessories, fault setting and troubleshooting system, original vehicle circuit schematic diagram and testing terminals, large-capacity battery, stainless steel fuel tank, engine acceleration mechanism, console, movable bench, bench power switch, diagnostic base, cooling system, digital display gauge, fuel pressure gauge, vacuum gauge, lockable Universal casters, etc.

Features:

- The measurement panel of the training bench is painted with a color inkjet circuit diagram, which is made of high-strength acrylic sheet with a thickness of 8mm. , not easy to fade and so on.
- The operation panel of the training bench is equipped with automobile instruments, fuel pressure gauges, and vacuum pressure gauges, which can display the changes of parameters such as engine speed, fuel pressure, and intake manifold pressure in real time. A diagnostic socket is installed, which can be connected to a dedicated or general-purpose car decoder to perform self-diagnosis functions such as reading fault codes,

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



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clearing fault codes, and reading data streams for the engine, transmission, and hybrid electric control system. Equipped with a throttle control device, it is convenient to accelerate and decelerate the engine.

- There are detection terminals installed on the panel of the training platform, which can directly detect the electrical signals of the pins of each sensor, actuator, and control unit, such as resistance, voltage, current, frequency signals, etc. on the panel.
- The training bench is made of international standard aluminum alloy profiles. It has the characteristics of light weight, high strength, corrosion resistance, and long 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 bench is self-locking Caster device, flexible movement, safe, reliable and durable.

Technical parameters:

- Dimensions: 1500×1200×1800mm (length×width×height)
- Working power: DC 12V
- Fuel tank volume: 10L

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