

## REFERENCE : Y1510



*Non contractual photo*

**SERVICE :**

- Easy to educate each parts and operating principle of Hybrid Engine.
- Incised sections are painted with different colors for education efficiency.
- Easy to check operation process of Piston, Valve, Crank, hybrid transmission, inverter, battery and others.
- It is able to show the movement as same as actual car
- by 220V single phase motor operation.
- Option: operated by tablet PC. (Bluetooth)

### Educational Objectives :

- Observe how the Hybrid System operates at a glance.
- Demonstrate operation by adjusting the motor speed arbitrarily.
- Adjust motor speed and its condition by controller.

### Technical specifications :

- Vehicle Type : Hyundai YF Sonata Hybrid 2,000cc
- Composition : Engine, Transmission, Motor, Battery, Inverter, 220V Worm reduced motor, Safety breaker, Emergency switch, Safety fuse, Controller with Pentium Dual core, 17" tough screen Monitor, speaker, kiosk including control program
- Cutaway Hybrid system of internal each parts through connection with chain pulley
- It is available to show the process of power train by flickering of LED. LED installed at regular intervals.
- Display panel is expressed 6 types depending on the shifting condition.
- Weight : Approx. 150 kg
- Dimension : 1,800 X 1,200 X 1,720 mm