



AMRON
TECHNICAL EDUCATIONAL EQUIPMENT

CUTAWAY ELECTRONICALLY-CONTROLLED PETROL ENGINE PLATFORM



ABOUT THE PRODUCT

The device adopts the whole and clearly-designed cross-section of Volkswagen Jetta 1.6 electronically-controlled gasoline engine to illustrate the engine's internal and external structures and functioning. It applies to the teaching of the gasoline engine's working principle and mechanic structure.

DISTINGUISHING FEATURES

- It adopts the cross section of the electronically-controlled gasoline engine to illustrate the engine's internal and external structures.
- The different components on the diagram are painted with different colours.



- The gasoline engine will operate slowly driven by a three-phase gear reduction motor, demonstrating the working process of components in the gasoline engine.
- The moveable shelf is made of high-intensity steel and the surface is paint-coated. Self-retention wheels are installed to ensure that it is flexible and convenient.

TECHNICAL PARAMETERS

- Size: 800mm x 600mm x 1200mm (length x width x height)
- Driving power supply: Three phase four wire (three phase five wire 380V \pm 10% 50Hz)
- Operating temperature: -40°C to +50°C
- Three - phase gear reduction sense motor:
 - Model: 5IK120GN-C
 - Rated voltage: AC 220V/380V 50Hz
 - Rated power: 120 W
 - Rated rotation speed: 50Hz 90/1400rpm 60Hz 90/1500rpm
 - Reduction ratio: 30

BASIC CONFIGURATION (UNIT)

No.	Name	Specification and model	Unit	Quantity
1	Gasoline engine assembly	Volkswagen Jetta 1.6, with a full set of accessories	Set	1
2	Three-phase gear reduction sense motor	5IK120GN-C, Reduction ratio: 30	Set	1
3	Three-phase leakage protection switch	DZ47LE-32	Unit	1
4	Movable framework (with self-retention wheels)	800mm x 600mm x 470mm (length x width x height)	Set	1