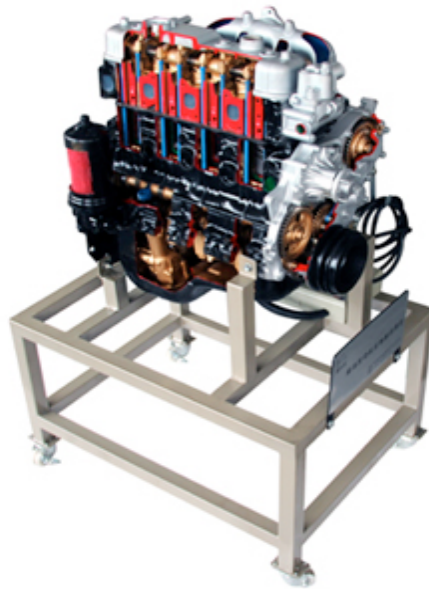




**AMRON**  
TECHNICAL EDUCATIONAL EQUIPMENT

# CUTAWAY ELECTRONICALLY-CONTROLLED DIESEL ENGINE PLATFORM



## ABOUT THE PRODUCT

The device adopts the whole and clearly-designed cross section of an Isuzu 4JB1's ordinary diesel engine to illustrate the engine's internal and external structures and functioning. It applies to the teaching of the diesel engine's working principle and mechanic structure.

## DISTINGUISHING FEATURES

- It adopts the cross-section of the diesel engine to illustrate the engine's internal and external structures.
- The different components on the diagram are painted with different colours.
- The diesel engine will operate slowly driven by a three-phase gear reduction motor, demonstrating the working process of components in the diesel 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)
- 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
- Operating temperature: -40°C to +50°C

### BASIC CONFIGURATION (UNIT)

No.	Name	Specification and model	Unit	Quantity
1	Ordinary diesel engine assembly	Isuzu 4JB1, 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