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Product Name :
Hybrid Vehicle Technology Demonstrator Units

Product Code :
LBNY-0002-890001



Description :

Hybrid Vehicle Technology Demonstrator Unit, Hybrid Vehicle Technology Demonstrator Unit Equipments, Hybrid Vehicle Technology Demonstrator Unit Tools, Hybrid Vehicle Technology Demonstrator Unit Tool Kits, Hybrid Vehicle Technology Demonstrator Unit Manufacturers, Hybrid Vehicle Technology Demonstrator Unit Suppliers from India, China, Kenya

Lab Tender Suppliers Africa and Lab Equipment Africa Kenya, Zambia, Chad, Somalia, Senegal, Zimbabwe, Guinea, Rwanda, Benin, Burundi, Tunisia, Uganda, Sudan, Algeria, Morocco, Angola, Ghana, Mozambique, Madagascar, South Africa, Ivory Coast, Cameroon, Niger, Burkina Faso, Mayotte, Sao Tome, Seychelles, South Sudan, Mali, Malawi, Nigeria, Ethiopia, Egypt, DR Congo, Mauritania, Eritrea, Gambia, Botswana, Namibia, Gabon, Lesotho, Guinea Bissau, Equatorial Guinea, Mauritius, Eswatini, Djibouti, Reunion, Comoros, Cape Verde, Western Sahara, Tanzania, Togo, Sierra Leone, Libya, Congo, Central African Republic, Liberia

Technical Specification :

Scope: A complete electrical hybrid demonstrator unit which is designed to illustrate the operation of hybrid vehicle technology for the students

Technical Specifications:

Dimensions Maximum: 2m x 1m x 2m (length x width x height)

The trading unit mounted in a moveable steel structure with wheels. The wheels installed lockable.

A complete hybrid vehicle system with an actual vehicle engine and realistic components.

A throttle valve controller system be provided to control the engine.

A dashboard / a display screen to monitor the different parameters such as fault indications , vehicle speed etc.

The training panel facilitate with terminals to take measurements from multimeter / oscilloscope
An OBD port be installed to connect an OBD diagnostic tool.
A fault-setting mechanism be available for the teaching purpose.

Components:

Dashboard with fuel pressure , vacuum pressure meters

Two permanent magnet synchronous motors

Switches for startup , EV mode , eco mode , PWR mode

Wireless fault setting system

Fuel Tank

Hybrid system controller unit

Nickel-Metal High-voltage battery with minimum 6 Ah capacity

12 V vehicle battery

Hybrid battery controller unit

Inverter Unit



Laboratory Instrument India