

Narika product name:

# Electromagnetic Force System

Product Description:

Assembling system set for electromagnetic experiments

Catalog Number:

B10-4800-W0



## *Overall advantages to users:*

- Versatile assembling set for a variety of electromagnetic experiments including:
  - ① Experiment of making magnetic field by electric current
  - ② Experiment of magnetic field created by coil
  - ③ Experiment of swing by electromagnet (Fleming's left-hand law)
  - ④ Experiment of motor (Fleming's left-hand law)

## *Keywords:*

- Magnetic field generated by electric current
- Fleming's left-hand law
- Right-handed screw law

## *Benefits to users:*

- **To all users:**
  - Multiple experiments on electromagnetism are available with one system set.
- **To teachers:**
  - Affordable product for a variety of electromagnetic experiments.
  - No consumables are needed if Genecon is used for a power source.
- **To students:**
  - Easy to know how direction of the force (motion) generated by current and magnetic field can be changed by reversing the polarity as the result of changing the direction of turning handle of Genecon DUE.

## *Specifications*

- Contents:
  - Basement for power supply
  - U-shaped magnet
  - Supporting pillar
  - Disk shaped table for compasses
  - Solenoid coil with plastic box
  - Hook for swing
  - Small compass
  - Swing (single wire type)
  - Swing (coiled wire type)
  - Holder for coil
  - Coil (Motor)
  - Battery (D type)
  - Sandpaper
  - Narika Genecon DUE (B10-2632-W1)