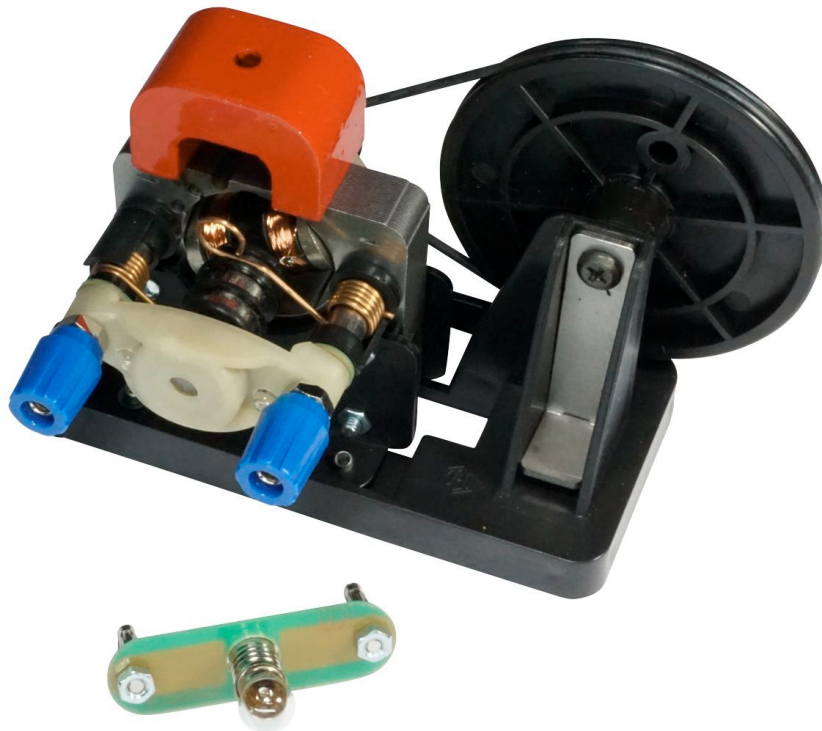


Motor / Generator Set

Hand Driven



EM1758-001

Description:

The IEC hand driven Motor/Generator is a precision, ball bearing motor with a 2 pole rotor, a 2 bar commutator and 2x slip-rings. It can be run as a several types of DC and AC motors or can be hand driven to become a DC or AC generator

All parts of the motor are easily visible, the tension on the brushes is adjustable and the operation of the commutator and slip-rings can be studied. The commutator and slip-rings are self-lubricating to avoid squeaking and wear. The instrument is strong and is designed to have a long life in the hands of students. When connected as either an AC or DC generator, the MES lamp load will illuminate as electric power is created.

For the magnetic field through the motor, either the strong “U” shaped magnet supplied can be used or the Ucore that forms part of the IEC Electricity Kit EM1763-001, the IEC ‘Hodson’ Induction Kit EM1973-001 or the IEC Small Dissectible Transformer EM4089-001.

This kit contains:

- 1x DC/AC Motor/Generator with winder, belt, output terminals and LED monitors.
- 1x “U” shaped strong permanent magnet to create motor field.
- 1x Lamp load (2.5V 300mA) mounted to a circuit board for plugging into the terminals.

Length: 152mm	Width: 109mm	Height: 98m	Weight:450g
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Designed and Manufactured in Australia

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