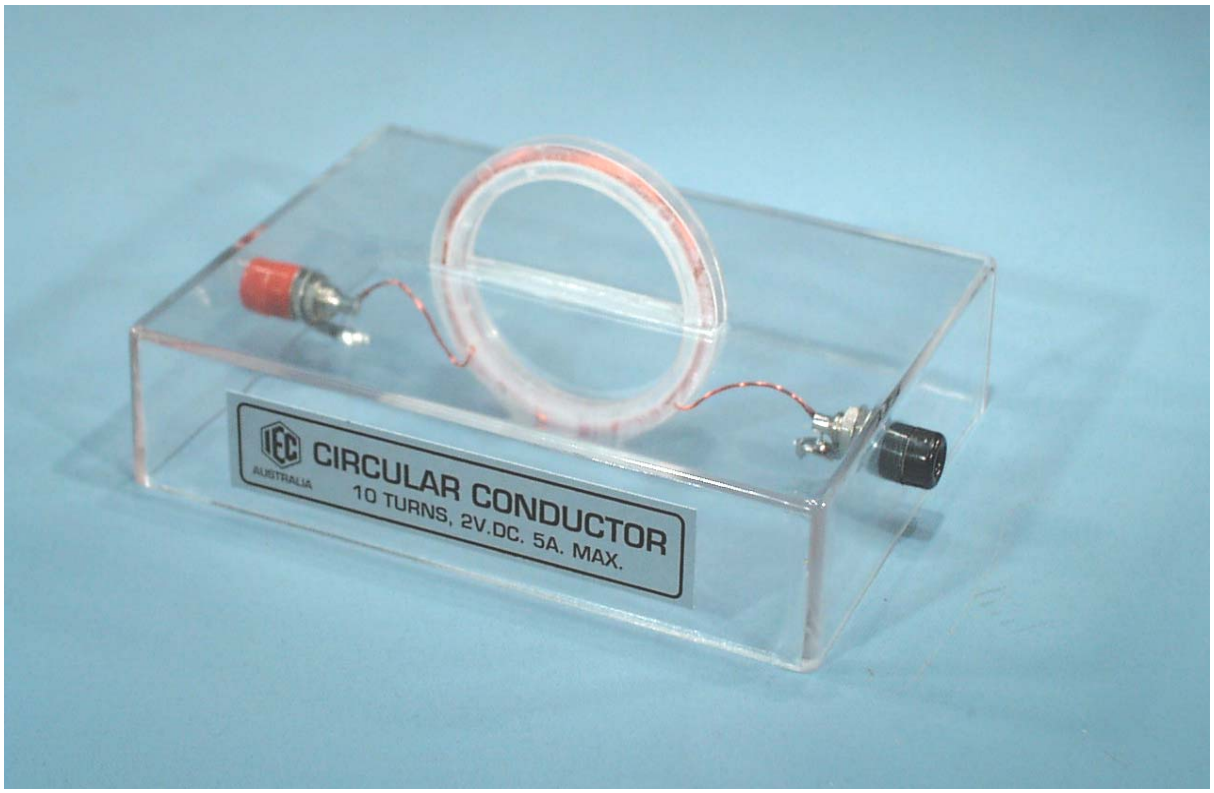
MAGNETIC FIELD DEMONSTRATOR – round

EM2067-020 round coil through base plate

DESCRIPTION: This Magnetic Field Demonstrator consists of a round coil passing through a transparent base plate to carry current so the field shape through a round coil can be demonstrated. Can be used on an overhead projector.

By using plotting compasses on the base plate, the magnetic field formed by a round coil can easily be seen and studied. Iron filings respond slightly but compasses are better.

EM2067-020 Round coil



Physical size: 140x96x57mm LxWxH **Weight: 0.1 kg**

INSTRUCTIONS:

Place the demonstrator on a table or on an overhead projector. About 8 plotting compasses are used to show the magnetic field and iron filings respond gradually by tapping the base. Connect to a DC power source. **DO NOT EXCEED 2V.DC. Maximum current through the coil is 5 amps. DO NOT OVERHEAT THE COIL.**

The coil has 10 turns of copper wire and about 3 or 4 amps should be enough to provide a magnetic field to provide a good demonstration. When projected to the wall or to a screen, large sharp images will enhance the demonstration for the whole classroom.

Designed and manufactured in Australia