

ELECTROMAGNET SET

N99-B-2637-050

\$36

The electromagnet set consists of materials that will allow students to determine how the strength of an electromagnet is affected by the number of turns in the coil and by the nature of the material inserted inside the coil.

SPECIFICATIONS:

- 2 Solenoid Coils (x100 and x200)
- Dimensions of Coils: 48x17mm diameter
- 3 types of core material: Iron (1), Glass (1), Aluminum (1)
- Dimensions of Cores: 55x5mm diameter



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COILS (SET OF 6)

N99-B10-2631-05

\$119



Made of conducting wire wound around compact plastic bobbins, these coils are used in experiments on electromagnetism.

SPECIFICATIONS

This set includes 6 pieces.

- Bobbin (with terminal): Plastic, 20mm diam. x 27.4mm
- Inner hole: 6.9mm diam.
- Coils: Enameled wire, 0.4mm diam. 400 turn coil: x 3 :200 turn coil: x 3
- Iron core: Steel, 6.8mm diam. x 70mm

REFRACTION TANK PORTABLE

N99-D20-1283

Retail ~~\$90~~
Special \$79

This apparatus holds water in a sealed, round, 90mm diameter tank, and is equipped with a light source and slit. Students can change the incident angle of light by moving the tank, making the apparatus ideal for simple and accurate measurement of light refraction and incident angle.

SPECIFICATIONS

- * Water Tank: Transparent acrylic resin
- * External dimensions: 170x100x35mm; tank 90x20mm
- * Power source: Battery (AA), 2 included

