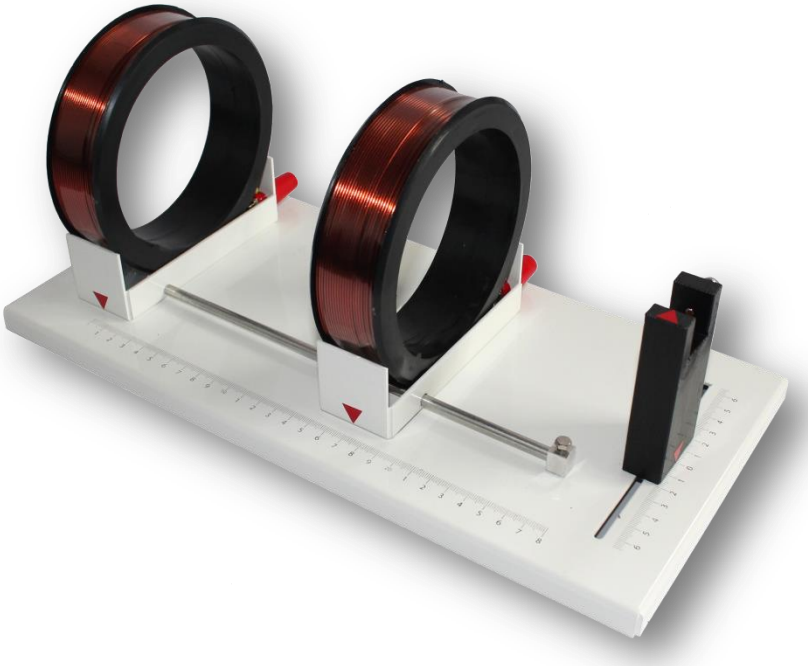


DE105008

Helmholtz coils

Pair of flat coils on support to generate magnetic field.

School level

Senior high school.

Technical features

Two flat coils:

- Average radius: 62,5mm
- Width: 33mm
- 100 turns of copper wire (5 layers of 20 turns)
- Variable spacing of coils (until 240 mm)
- Inductance: L=1.8 mH

Steady metallic support graduated

Movable device for teslametric probe (15 x 15 mm)

Security sockets 4 mm

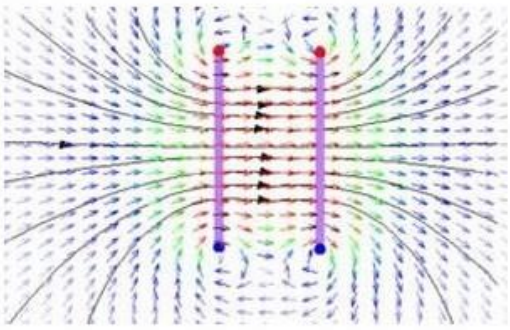
Maximum intensity: 5 A

Dimensions: 190 x 390 x 170 mm

Weight: 2 kg

Package: individual box + protective foam

Magnetic field map



Product advantages

- **Rigid and stable** device to study flat coils and Helmholtz coils.
- The coils dimension is such that they can be associated to **extremely flat coils**.

Examples of experiments

- Magnetic fields measures
- Ampère's theorem
- Determination terrestrial magnetic field