

MAGNETIC FIELD ALONG THE AXIS OF HELMHOLTZ COILS

Model: SG-201/411

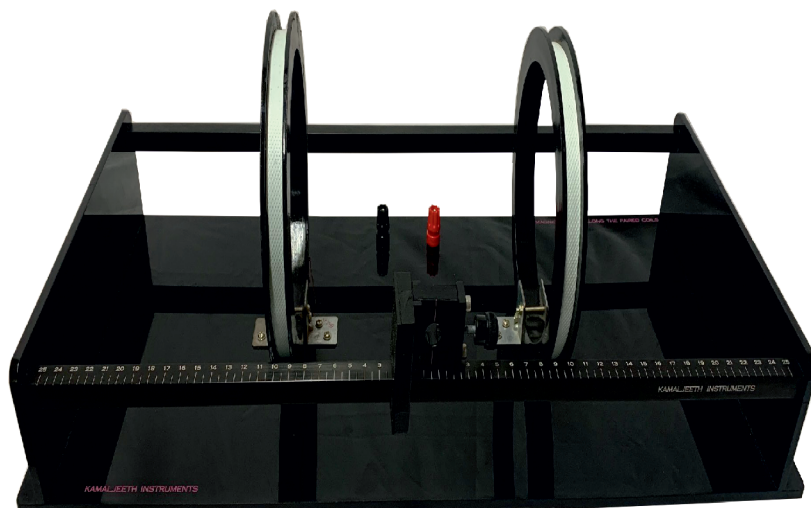
Experiment(s):

1. Determination of magnetic field along the axis of pair of Helmholtz coils
2. Study of principle of super imposition of magnetic fields

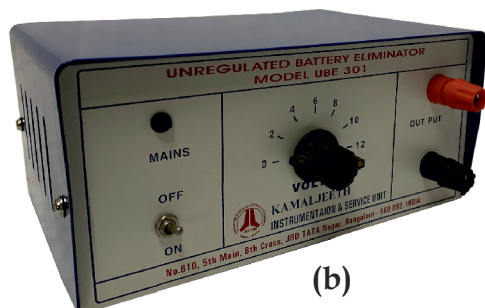
(For more details, procedure & manual visit: www.kamaljeeth.net)

Experiment setup consists:

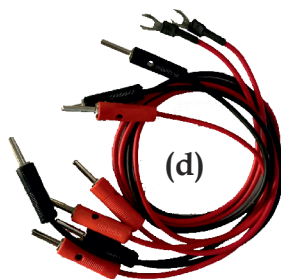
- a) Helmholtz coil apparatus
- b) AC power supply
- c) Digital Gauss meter
- d) Connecting wires



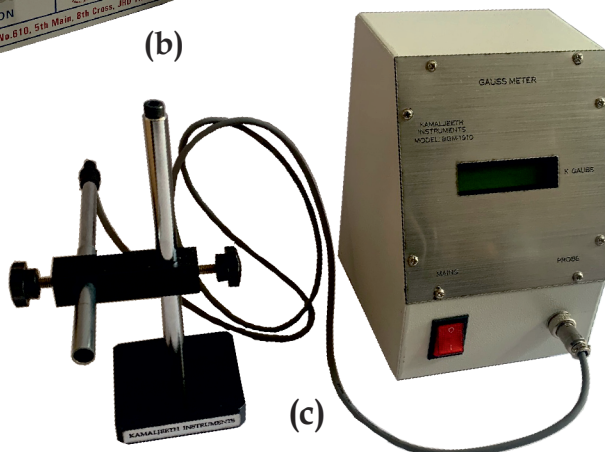
(a)



(b)



(d)



(c)

Specifications:

a) Helmholtz coil apparatus

Coil on board arrangement
Number of coils: 2
Coil turns: 150 each
Material: 99% Pure copper
Slider: 50 cm
Coil diameter: 180 mm

b) AC power supply

Output: AC output
Voltage: Selectable (1.2, 2, 4, 6, 8, 10, 12V)
Max. current: 2 A
Key: Built in switch
Rated Input: 220 V/50 Hz
or 110 V/60 Hz

c) Gauss meter

Measures magnetic flux up to 20K Gauss
Resolution: 0.1K Gauss
Detachable gauss probe with stand
Rated Input: 220 V/50 Hz
or 110 V/60 Hz

d) Connecting wires

4 mm - 4 mm banana pin wires
of length 50 cm each



KAMALJEETH INSTRUMENTS

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ESTD. 1990

3 years manufacturing warranty