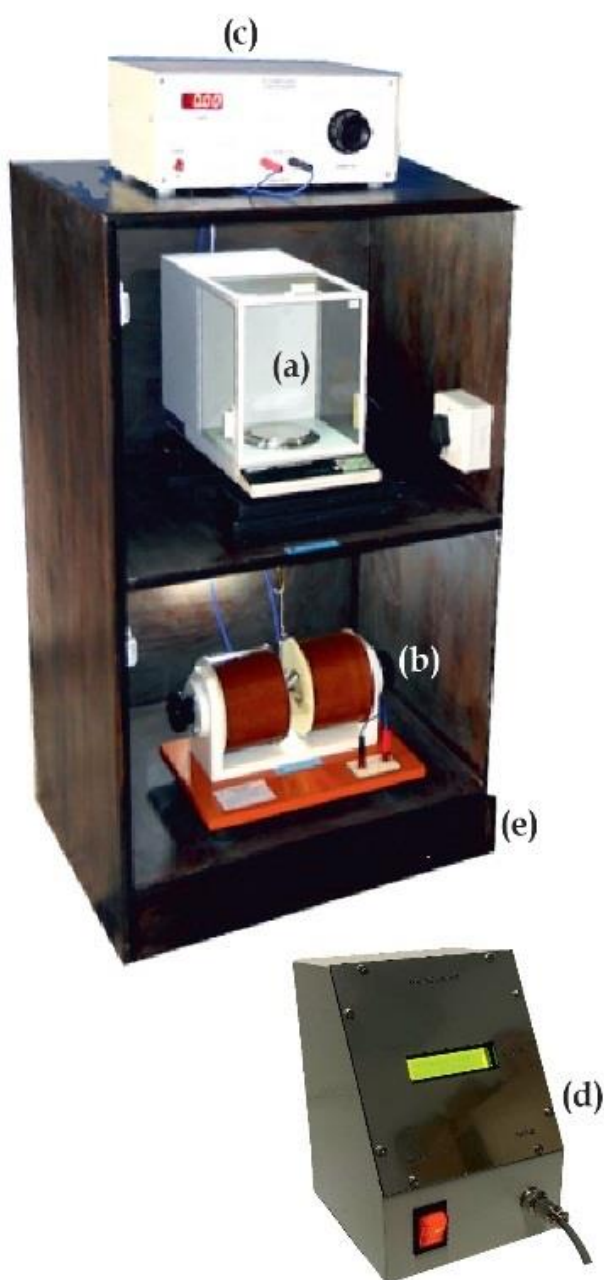


KMP-104

DIAMAGNETIC & PARAMAGNETIC SUSCEPTIBILITY

Experiment(s):

1. Determination of magnetic susceptibility of water and glass
2. Determination of magnetic susceptibility of diamagnetic and paramagnetic compounds



Specifications:

a) Gouy balance

Range: 200 g
Resolution: 0.0001 g
Rated Input: 220 V/50 Hz
Enclosure: sealed from all sides
Pan movement: \pm Z axis

b) Magnet

DMS-201:- 100 mm diameter magnet with user adjustable pole gap from 1 mm till 20 mm, capable of producing magnetic flux of upto 20K Gauss at 10 mm pole gap
DMS-201LC:- 50 mm diameter magnet with non adjustable pole gap fixed at 10 mm, capable of producing magnetic flux of upto 10K Gauss at 10 mm pole gap

c) Power supply

DMS-201:- Heavy duty power supply with variable constant current, provided with digital current meter, max 400 W
DMS-201LC:- Variable constant current power supply, provided with digital current meter, max 60 W
Rated Input: 220 V/50 Hz
or 110 V/60 Hz

d) Gauss meter

Range: 0-20K Gauss
Resolution: 0.1K Gauss
Display: LCD

e) Cabinet

Size: 500 x 425 x 1100 mm
Material: PlyWood and acrylic

