Model: QU-201/124

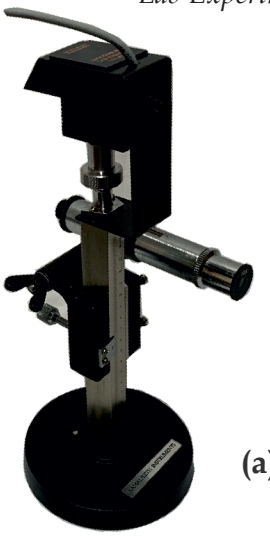
QUINCKE's METHOD (SUSCEPTIBILITY)

Experiment(s):

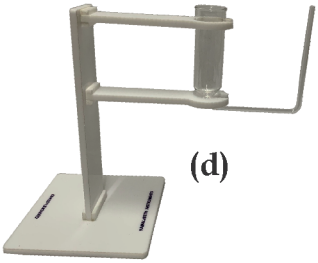
1. Measurement of magnetic susceptibility of liquids

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

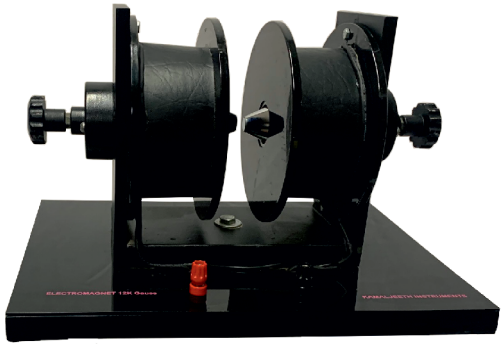
Reference : Lab Experiments Journal vol-14, No.4, Page-257
Lab Experiments Journal vol-14, No.2, Page-138



(a)

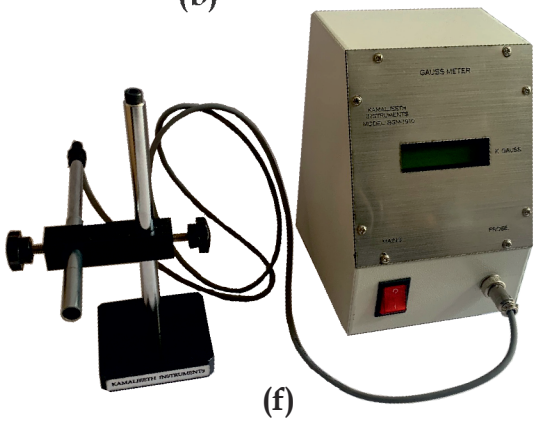


(d)



(b)

(c)



(f)

(e)

Specifications:

a) Digital travelling microscope
Number of axis: 1 (Vertical)
Base: Cast iron
Moving parts: Brass
Focus: Adjustable
Free movement: 150 mm
Micrometer movement: 10 mm
Least count: 0.01 mm
Display: LCD
Detector: Resistive type
Rated Input: 220 V/50 Hz
or 110 V/60 Hz
Power consumption: <20W

b) Electromagnet
Magnetic flux: Up to 10K Gauss
Pole gap: adjustable from 1 mm to 25 mm
Poles: Tapered
(Flat available on request)

c) Power supply
Constant current regulated power supply with adjustable current

d) U-Tube
U-tube with acrylic stand

e) Samples
FAS and NAS

f) Gauss meter:
Measures magnetic flux up to 20K Gauss
Resolution: 0.1K Gauss
Detachable gauss probe with stand

KAMALJEETH INSTRUMENTS

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