

Experiment(s):

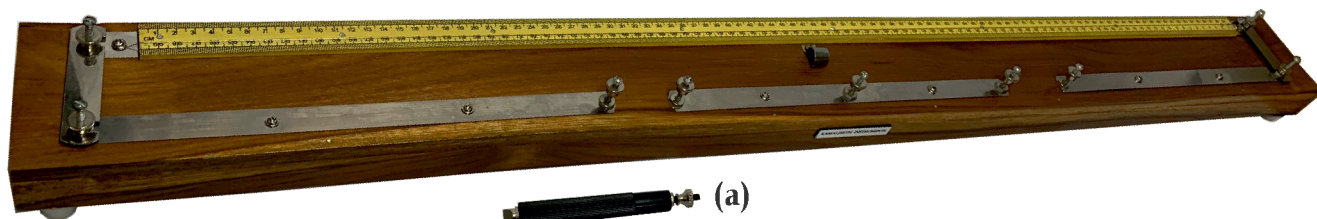
1. Determination of resistivity of a wire

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

Reference : Lab Experiments Journal vol-14, No.2, Page-129

Experiment setup consists:

- Teak wood meter bridge
- Power supply
- Ammeter
- Voltmeter
- Rheostat
- Patch cords



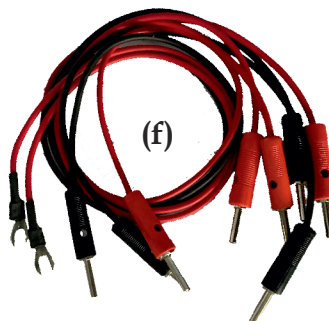
(b)



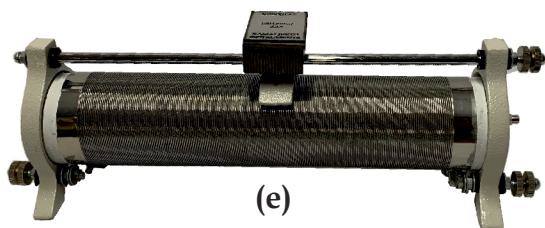
(c)



(d)



(f)



(e)

Specifications:**a) Teak wood meter bridge**

Material: Teak wood

Length: 1 m

Connectors: Brass with zinc coating

Test sample wire: Nichrome

b) Power supply

Battery eliminator

Regulated output: 1.2, 2, 4, 6, 8, 10 & 12 V

c) Ammeter

Range: 0 - 2 A

Resolution: 0.02 A

d) Voltmeter

Range: 0 - 10 V

Resolution: 0.1 V

e) Rheostat

Tube length: 300 mm

Contact: Spring loaded copper blades

Resistance wire: Nichrome

Terminals: 3 (X-0-Y)

Max. resistance: 100 Ω

f) Patch cords

Set of standard required patch cords



KAMALJEETH INSTRUMENTS

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