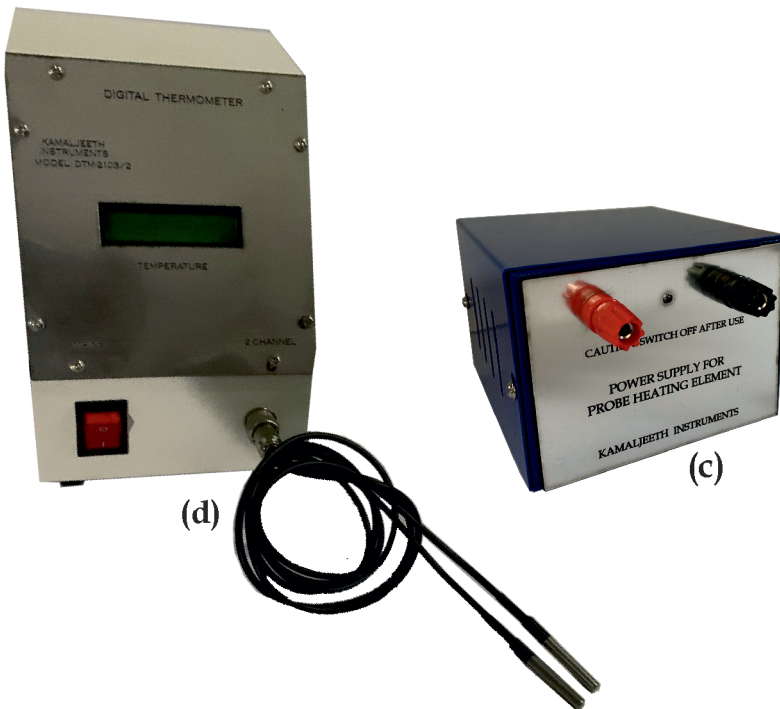
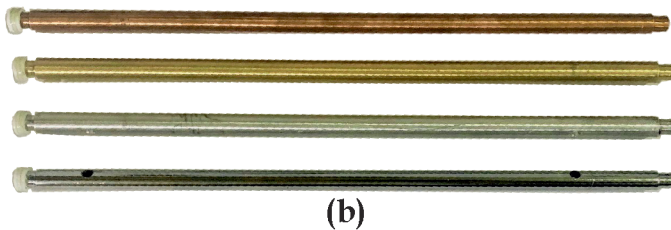
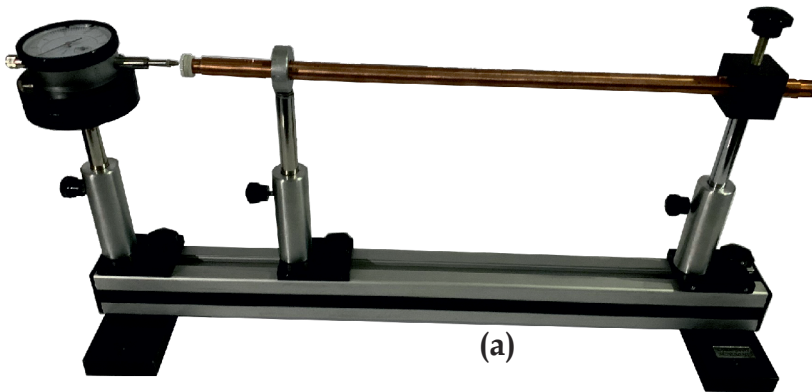


Experiment(s):

1. Determination of co-efficient of linear expansion of metal
(For more details, procedure & manual visit: www.kamaljeeth.net)

**Experiment setup consists:**

- a) Test stand
- b) Sample rods
- c) Heater
- d) 2 channel thermometer

Specifications:**a) Test stand**

Slidable uprights (2 nos) on a rigid aluminium stand
Height adjustable uprights to fix sample rods
Dial type micrometer to measure linear expansion
Heating: Ceramic probe type heating, 35 W heater

b) Sample rods

Copper: Length 400 mm
Brass: Length 400 mm
Aluminium: Length 400 mm
Iron: Length 400 mm

c) Heater

Probe heating power supply
Output: 35 W
Rated Input: 220 V/50 Hz
or 110 V/60 Hz
Power Consumption: <60 W

d) Thermometer

Type: 2 Channels
Display: LCD
Range: 200 °C
Resolution: 0.1 °C

**KAMALJEETH INSTRUMENTS**

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