THERMAL CONDUCTIVITY OF RUBBER

Experiment(s):

1. Determination of thermal conductivity of rubber

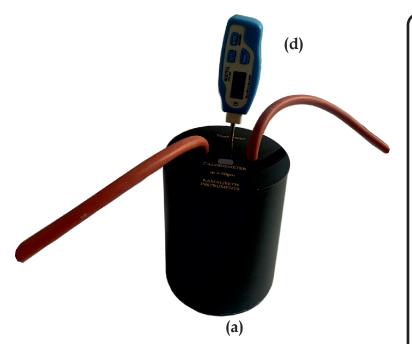
(For more details, procedure & manual visit: www.kamaljeeth.net)

Reference: Lab Experiments Journal vol-15, No.2, Page-94

Experiment setup consists:

Model: TCR-201/309

- a) Calorimeter
- b) Digital stop clock
- c) Steam generator with heater
- d) Thermometer





Specifications:

a) Calorimeter

Calorimeter with inserts for rubber tube and thermometer Vessel: Copper container of known mass

b) Digital stop clock

Range: 0-999.9 sec Resolution: 0.1 sec

Time Measuring: Manual

start/stop

Rated Input: 220 V/50 Hz or 110 V/60 Hz Power consumption: <20 W

c) Steam generator with heater

Capacity: 1.5 L

Output: Approx. 1 L/hr
Rated Input: 220 V/50 Hz
or 110 V/60 Hz
Power consumption: <1000 W
Socket: 5 A, 3 Pin mains cord
Rubber tube: 6 mm, 1 m length

d) Thermometer

Type: Digital, probe type

Range: 300 °C Resolution: 0.1 °C



KAMALJEETH INSTRUMENTS

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