

THERMAL CONDUCTIVITY OF RUBBER

Model: TCR-201/309

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:

- 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



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ESTD. 1990

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3 years manufacturing
warranty