

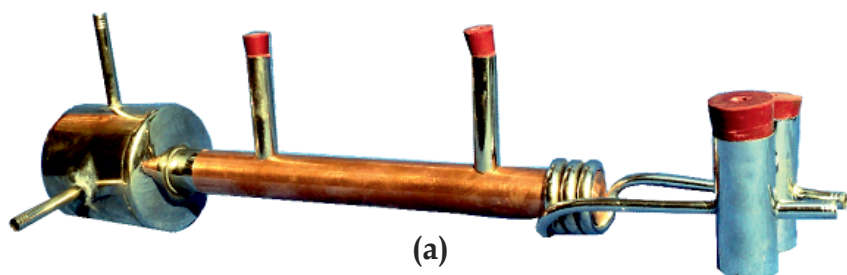
THERMAL CONDUCTIVITY BY SEARLE'S METHOD

Model: TCM-201/310

Experiment(s):

1. Determination of thermal conductivity of copper (metals) by Searle's Method

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



Specifications:

a) Searle's apparatus

Solid copper rod with inserts for thermometers
Steam chamber with inlet and drain pipes
Water in and water out hose
Enclosed in insulated wooden chamber

b) 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

c) 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

d) Thermometers (2 nos)

Type: Digital, probe type
Range: 300 °C
Resolution: 0.1 °C



KAMALJEETH INSTRUMENTS

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Address: No. 610, 5th main, 8th cross Tatanagar, Bangalore - 560092, INDIA

Website: www.kamaljeeth.net, Email: labexperiments@kamaljeeth.net

3 years manufacturing warranty