

NSC 90-2212-E-002-186

90 8 1 91 7 31

200W

60

300W

0.08K/W

1942 Gaugler

980

(Loop Heat Pipe)

Maidanik

1994 Maidanik

1996 Wirsch et al

(-)

1999 Ku

2000 Maidanik et al

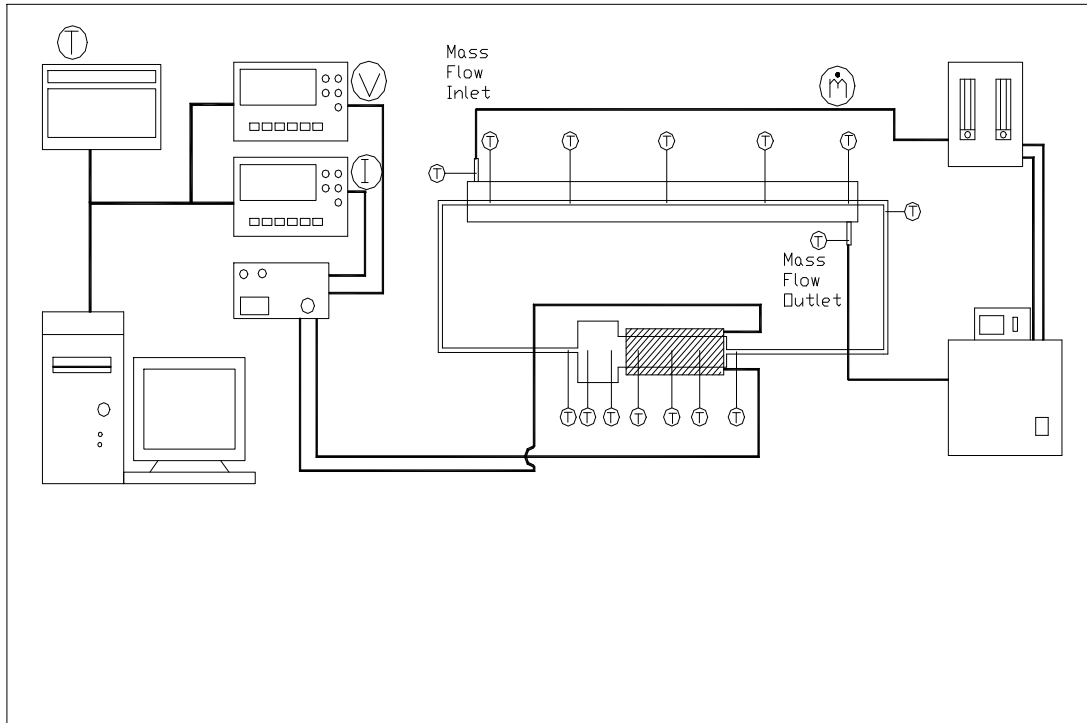
200W

0.1K/W

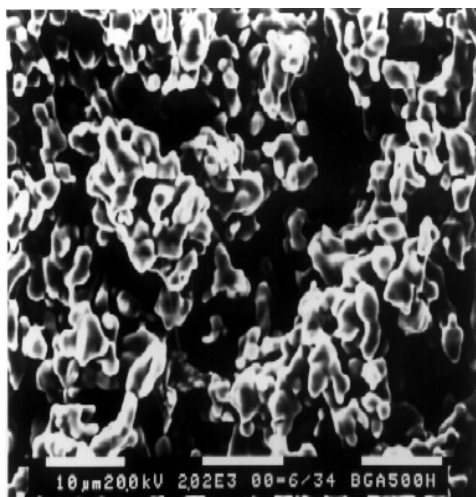
1

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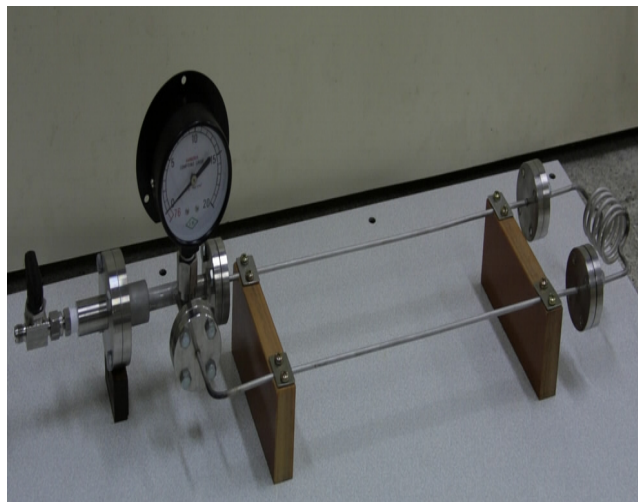
2)



1



2



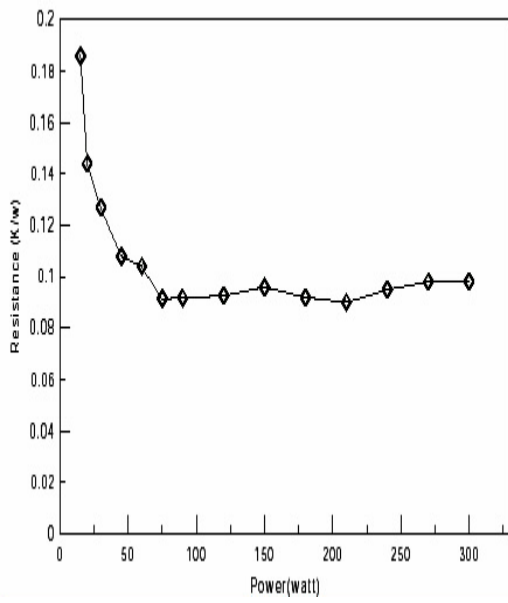
3

2

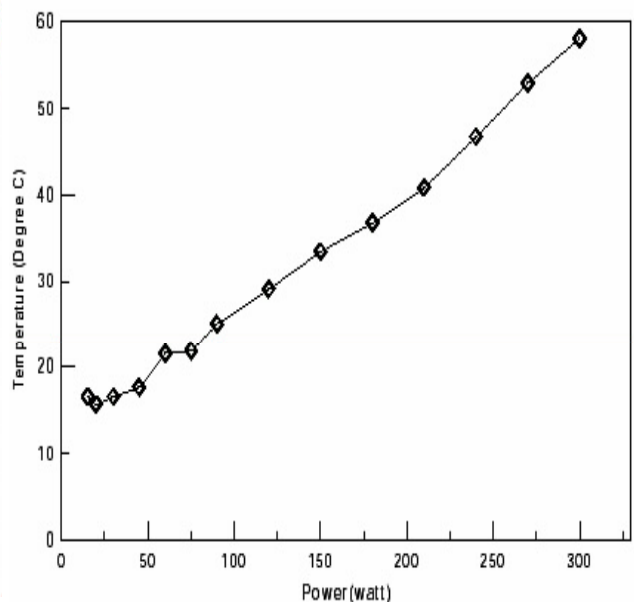
:

$$R = \frac{T_{e,avg} - T_{c,avg}}{Q_{in}} \tag{1}$$

4



4



5

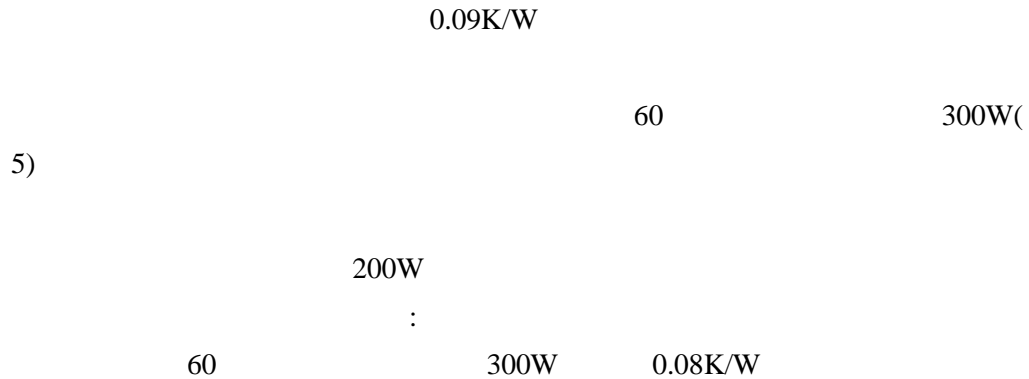
0.08K/W

$$h = \frac{Q_{in}}{A_h (T_{e,avg} - T_{v,avg})} \tag{2}$$

(30W~300W)

2231.94W/K m²

Zhao



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