

Specifications of the Heat Flux Sensor

(Ref # MEE/2014/SSG/HF Sensor)

Quotations are invited for the supply of heat flux sensors for a customized lab-scale solar simulator. The specifications of the sensor and its amplifier are given below.

Heat Flux Sensor

1. Heat flux sensor - 3 No's
2. Compactible High accuracy amplifier for the Heat Flux sensor – 2 No's

Heat Flux Sensor Specifications:

Sensor type	:	Water cooled Thermopile
Sensor working range	:	0 to 200 kW/m ²
Sensor Output signal	:	> 5 mV at working range

High Accuracy Amplifier Specifications:

Amplifier	:	Millivolt Amplifier
Standard amplification	:	1 mA / mV
Amplifier output	:	1200 mV; 4-20 mA
Amplifier input power supply	:	10 – 24 VDC

The price quoted should also include the cost for freight, insurance and other handling charges. The corresponding sealed quotation has to be sent to:

Prof. T. Sundararajan
Dept. of Mechanical Engineering,
IIT Madras, Chennai-600036,
Tamil Nadu, India.

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