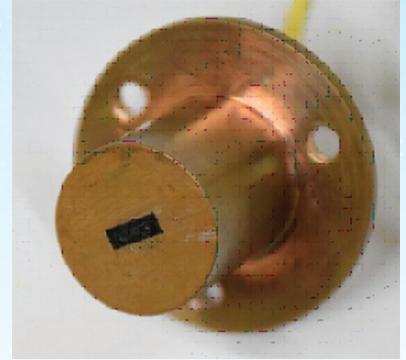


## Ribbon Stack Heat Flux Sensor

Ribbon stack heat flux sensor can be used for measuring heat flux upto 30W/cm<sup>2</sup>. The sensor is a thermopile type realised by stacking alternatively a series of Chromel and Alumel ribbons embedded inside a ceramic cement matrix. The construction is using metal ribbons, hence, it is named as Ribbon Stack Heat Flux Sensor.



### Salient Features

Type : Heat flux sensor

Sensor range : 0- 30W/cm<sup>2</sup>

Output : 0-20mV (linear)

Accuracy :  $\pm 6\%$

### APPLICATION(s)

Radiative and convective heat flux measurements in flight and ground use.