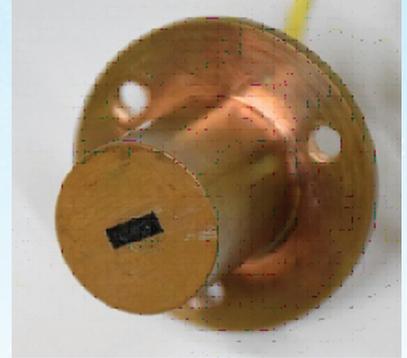


Ribbon Stack Heat Flux Sensor

Ribbon stack heat flux sensor can be used for measuring heat flux upto 30W/cm². 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/cm²

Output : 0-20mV (linear)

Accuracy : $\pm 6\%$

APPLICATION(s)

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