A Thermal Barrier is used to protect the SCORPION® 2 Data Logger from extreme hot and cold conditions found in commercial ovens and freezers. By sliding the data logger inside the thermal barrier, thermal migration is delayed from damaging the sensitive electronic circuitry.

Several thermal barrier heights are available to cover a wide range of process temperatures and residence times.

The Thermal Barrier Performance Graph is used to determine the size thermal barrier required for safe operation. The thermal barrier performances for the 6 standard sizes are displayed. The height is the thickness of the thermal barrier which translates to the headroom required to pass the SCORPION® 2 through the process.