

# Thermal Barriers

**LOG DATA AT THE  
HEART OF HOT AND  
COLD PROCESSES**



With the introduction of more stringent food quality programs, it is now more important than ever for food manufacturers to have documentary evidence that the produce has been cooked or chilled for the required time periods.

The SL Thermal Barriers allow a SL7000 data logger to pass through any oven or chiller and provide through-process data logging and temperature profiling. The system is regularly used in tunnel ovens, rotary ovens, rack ovens, spiral freezers and blast freezers. It is also suitable for applications in powder coating and stove enamelling.

## Features

- **Robust construction**
- **Resistant to ingress of air, water and steam**
- **Suitable for hot and cold processes, from -150°C to +600°C**
- **Can remain in-process for up to 6 hours**

When used in conjunction with Signatrol data loggers, an accurate profile of the heating or cooling application can be displayed in graphical or data table format. There are no trailing wires to get tangled in the conveyor or process, and the whole system passes through the application giving an accurate profile of process against time.

**Typical Application:** Thermal Barrier with Data logger and thermocouples in a rack oven.



## Order Codes:

SL-TB130  
SL-TB110  
SL-TB90  
SL-TB70  
SL-TB50