

## Oven Profiling System



Order #141-100

### *Oven Profiling System for Industrial Ovens*

Our oven profiling system includes an insulated enclosure, carry bag and stainless steel overbraid on the thermocouples. Ideally suited to curing operations in the 200°F to 500°F ranges.

Use this to measure your actual product temperature to optimize your cure cycle.

### Key Benefits

- Battery operation
- Insulated enclosure rated up to 500°F for 30 minutes
- Braided stainless steel outer jacket on thermocouples for durability
- Military quality quick disconnect on thermocouples for easy use & reliability
- User selectable sampling rate
- Up to 2000 samples per channel

### Logger 100™ Specifications

- 7 channel recording
- Up to 2000 samples per channel
- Cordless flexibility
- Durable, lightweight extruded aluminum housing
- On-Off switch
- LED status indicator
- User selectable sampling rates from 5 seconds to 10 hours in 1 second increments
- Non volatile memory
- Small profile - 2.75" x 3.5" x 1.25"
- Weight 8 oz. with battery
- User replaceable 9V battery
- Low battery indicator

### ThermView™ thermal analysis software

- Windows® based software runs under '95, '98, ME versions
- Time / temperature chart is automatically created at data download
- Analysis table shows time above 3 user defined temperature limits
- Point with the mouse to get the exact time & temperature at any point
- Individual probes can be turned on or off
- Can add chart titles & probe names to document the process for ISO & QMS requirements
- Prints to any printer, color or b/w.

**Insulated Enclosure**

- High quality 16 gauge polished stainless steel enclosure
- Double level insulation
- Integral heat sinks
- Heavy duty stainless steel adjustable latches and handle - no spring latches to fatigue
- Dimensions - 8"w x 8"d x 10"h
- Temperature rating

Temp in °F	Max. duration
500	30 min
450	45 min
400	60 min
325	90 min

**Thermocouples**

**For Lab testing**

- Standard 6' long, PTFE insulation
- Available as individual thermocouples or with a grouped plug connector

**For Oven Profiling**

- Standard 6' long
- Stainless Steel overbraid insulation for added protection
- Quick disconnect, military quality connector to ease handling