

## 10 CHANNEL WIRELESS PROFILE MEASUREMENT + ANALYSIS

Standing just 37 mm tall, the VP10 passes through all machines with ease, delivering unmatched flexibility and faster setup times.

Its 10 measurement channels capture detailed thermal data across high-mass components, and critical assemblies - giving you full visibility from initial profiling to final verification. Fewer blind spots mean fewer profiling runs and faster process validation. Powered by Solderstar's flagship SLX datalogger, the VP10 offers exceptional battery life, seamless integration, and expandability across the entire Solderstar product range.

Designed for demanding vapor phase processes, it supports vacuum-stage operation and features a high-temperature connection system for long-duration runs and boards with higher thermal mass. The result: precise, repeatable, and reliable measurements — even in the toughest production environments.

### System Advantages

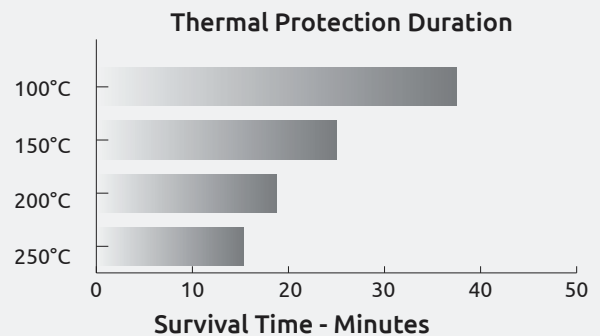
- ✦ Utilizes a standard SLX datalogger
- ✦ High thermal protection
- ✦ 10 measurement channels
- ✦ Wireless data transmission
- ✦ Vacuum stage compatible
- ✦ User-replaceable, safe NiMh battery

## SLX Datalogger Technical Specification

<b>Size/Weight</b>	126mm x 52mm x 9.5mm, 118g
<b>Channels</b>	12 - Type K
<b>Temperature Memory</b>	12 Memories, each with 25000 data points per measurement channel
<b>Measurement Rate</b>	0.05s to 60 seconds
<b>Measurement Range</b>	-125 to 1372°C (-257 to 2502 °F)
<b>Measurement Accuracy</b>	±0.5 °C (0.9°F)
<b>Measurement Resolution</b>	±0.05 °C (0.09°F)
<b>Max. Internal Temperature</b>	+85 °C (Auto Shutdown on over temp.)
<b>Power</b>	User replaceable, High Temperature NiMH
<b>Communications</b>	USB or optional 2.4Ghz Wireless
<b>Input Type</b>	Type K, EN 05842:1993, Class 1 / ANSI MC 96.1



## VP-10 Thermal Shield Technical Specification



<b>Supplied Model</b>	HS-VP010-01
<b>Material</b>	Aluminium TEFLON ® coated
<b>Vacuum Capable</b>	Yes
<b>Special Features</b>	Vacuum release valve to ease datalogger retrieval

## Wireless Telemetry Option

**Frequency**  
2.4 Ghz Transceiver

**Channels**  
128 Individual Channels



## Software

**Compatibility**  
Windows 7/8/10/11

**Language Support**  
English, French, German, Italian, Portuguese, Spanish & Chinese

## For more information contact your regional Solderstar office



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