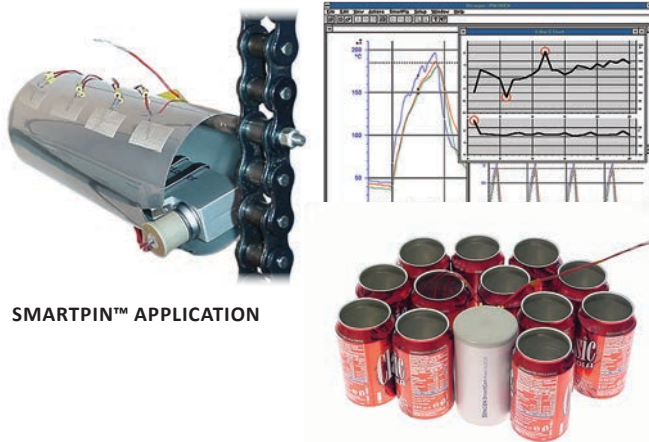


Temperature Logging Systems

SL2000 FOR PIN OVEN, IBO & OBO

MEASURES INTERNAL COATING CURE PROFILES IN PIN AND BELT OVENS DURING NORMAL PRODUCTION

The smart solution to cure monitoring.



SMARTPIN™ APPLICATION

SMARTCAN™ APPLICATION

SMART, SMALL AND EASY TO USE — Sencon's oven temperature loggers use the sophisticated "Smart Logging System" to provide the complete and accurate picture of your curing process. They are small and easy to use, enabling regular monitoring of metal temperature profiles at normal production speeds without incurring large amounts of downtime. This leads to better process control, higher can quality and enhanced operating efficiencies.

ONE SOLUTION FOR LOGGING ALL 2PC OVENS — The SL2200 SmartCan™ system is suitable for both steel or aluminum cans. Small, light weight and rugged, its ability to withstand high temperatures, combined with its compact size enables it to operate without insulation in short or medium cycle pin ovens. Even when used with its specially designed insulation for IBOs and OBOs, it is still no bigger than a 33cl (12 oz) can.

EASY INFORMATION GATHERING — The logger is equipped with autostart operation and will log for 90 hours on one battery, providing a unit that is simple to use with low operating costs.

BENEFITS
Improves productivity and reduces energy costs
Allows optimization of process parameters and maintenance routines
Can be put on line with minimum interruption to production
Ultra - compact design minimizes disruption of air circulation in oven
One solution for all 2 - piece ovens
Enough memory to log data from several ovens without having to download data in between

Easy to use at production speed.

WITHOUT INTERRUPTING PRODUCTION — SmartCan™ does not interrupt production, making it easy to use regularly, not just in emergencies. Hexagon's time/distance axis allows rapid identification of potential problem areas.

ENSURES PRODUCT QUALITY — The SmartCan™ system's large memory and fast logging rate allow detailed measurement of potential problems. Hexagon™ software turns logged data into information you can use to achieve better product quality and energy savings.

FINANCIAL BENEFITS — Hexagon's SPC reports help you optimize your process, improving productivity and reducing energy costs. The ability to predict problems means that you can plan maintenance and avoid costly stoppages.

A RELIABLE AND COST-EFFECTIVE SYSTEM — The SmartCan™ system is based on Sencon's rugged SL2000 temperature logger and Hexagon software to deliver reliable performance and powerful data analysis. The modular system design means that just one logger and software package will meet all thermal process monitoring needs of 2 - piece can makers, including Pin oven application.

SMARTPIN™ SYSTEM FOR PIN OVENS
Logger fitted inside a normal can
Sensors fitted to surface of can
Downtime just a few seconds
Can placed on the pin - chain just after the coater/decorator in just a few seconds

SMARTCAN™ SYSTEM FOR IBOs AND OBOs
Logger sits on the oven belt like a normal can
Measures critical points on up to seven locations

HEXAGON™ FOR WINDOWS*
Used to control the logger and carry out powerful data analysis, including trend monitoring and Statistical Process Control (SPC) functions. The package is easy to use and provides a reliable basis for detailed understanding and control of the curing process.
<small>*compatible with Windows 2000, XP, 7 & 10</small>

FEATURES	
Input	Up to 7 K type thermocouples
Storage	Up to 256000 readings
Measuring Range	- 50° C to 475° C (- 58° F to 887° F)
Resolution	±0.175° C (±0.315° F)
Accuracy	±0.75° C (±0.16° F)
Battery Life	90 hours normal logging, 50 hours fast logging
Dimensions	L 3.94" (100 mm), W 1.65" (42 mm), H 0.79" (20 mm)
Weight	150 g (5.5 oz)
Start switch	Immediately, Set delay, Trigger temperature

ORDERING INFORMATION	
SMARTPIN™ PACKAGE FOR PIN OVENS SL2000 Logger, pin oven patch-probe set, Hexagon software, data Smart Reader, logger retaining clip, accessories and case	SL2101
SMARTCAN™ PACKAGE FOR IBO/OBO OVENS SL2000 Logger, IBO patch-probe set, Hexagon software, data Smart Reader, thermal jacket, accessories and case	SL2200
C2PC SMART LOGGING SYSTEM Combined SmartPin™ and SmartCan™ package (see above)	SL2501

