

SINGLE CHANNEL TEMPERATURE DATA LOGGER

One-year Warranty

SL50 SMART BUTTON

Sample Rates 1 minute to 255 minutes

Record readings up to one year

www.signatrol.com

"Plug and Play" Ease of Use

Zooming Graph Capabilities

Single-channel Temperature

INTRODUCTION

The SL50 SmartButton® comes with a one-year warranty, has a 10-year battery life, has the ability to record over 2000 data points, and operates in a temperature range of -10 to +85°C. The SL50 SmartButton Reader™ software is packed full of features including user selectable sampling rates, programmable alarm thresholds, graph zooming and start delay.

Start monitoring temperatures right away by choosing the SL50 SmartButton® Starter Pack. This pre-packaged solution brings together everything you'll need to start using the SL50 SmartButton. Included in the kit is one SL50 SmartButton, the SL50 SmartButton interface cable, SL50 SmartButton Reader software and two soft mounted plastic fobs for identification.



SPECIFICATIONS

Sensor Specifications:	Internal Temperature Sensor:-10 to +85°C (14°F to 185°F)	Sampling Methods:	Continuous (First-in, First-out), or stop when full.
Sensor Accuracy:	±1.0°C from -10°C to +45°C ±1.5°C from 45°C to +70°C ±2.5°C from 70°C to +85°C	Start Delay:	Up to 255 minutes.
Sampling Rates:	User selectable rates from 1 to 255 minutes.	PC Requirements:	IBM PC or 100% compatible Pentium 75 (minimum) with at least one free serial port, 16 MB of RAM memory, colour monitor & pointing device.
Memory Size:	Capable of storing 2048 readings.	Software Requirements:	SL50 SmartButton Reader™ for Windows® versions 95, 98, 2000, ME or NT.
Battery:	3.0 volt Lithium (typical life - 10 years).	Number of Channels:	One internal temperature sensor.
Resolution:	8 bits - 0.5°C (0.9°F)	Alarm Thresholds:	User selectable
Size:	17 mm diameter x 6 mm height.	Warranty:	1 year.
Weight:	4 g.		
Case Material:	Stainless steel		
Communication:	RS232 Serial/SL50 SmartButton® interface.		
Clock Accuracy:	±2 Minutes per month when used between 0°C and +45°C		

APPLICATIONS

Food processing verification, pharmaceutical storage, laboratories, transportation of temperature sensitive goods, equipment run time, HVAC system testing and balancing, etc.

ACCESSORIES

Interface cable, plastic plate mount, angled blue hard plastic and adhesive.

ORDER CODE

SL50	Data Logging button
SL50-KIT	Starter kit containing one SL50 button, interface cable and window software
SL50-INTERFACE	Interface cable to connect SL50 to the computer

Signatrol.com
Data Logging Solutions

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