

# Simple Logger® II Temperature/RH Model L702



SPECIFICATIONS	
<b>MODEL</b>	L702
<b>ELECTRICAL</b>	
<b>Channels</b>	Two
<b>Input</b>	Temperature Sensor      Humidity Sensor
<b>Range</b>	14° to 122°F (-10° to 50°C)      5 to 85% RH
<b>Accuracy</b>	±(1% of Reading + 1°F/C)      ±(3% of Reading + 2cts)
<b>Resolution</b>	0.1°F/C      0.1% RH
<b>Sample Rate</b>	Minimum of once every 5 seconds
<b>Storage Rate</b>	Programmable from once every 5s to once per day
<b>Storage Technique</b>	Start/Stop, FIFO and Extended Recording Mode (XRM™)
<b>Recording Length</b>	15 minutes to 8 weeks, programmable using DataView®
<b>Memory</b>	240,000 measurements (512KB). Recorded data is stored in non-volatile memory and retained even if battery is low or removed.
<b>Communication</b>	USB 2.0 optically isolated
<b>Power Source</b>	2x1.5V AA-cell alkaline batteries
<b>Battery Life</b>	100 hours to >45 days (dependent on storage rate/recording length)
<b>MECHANICAL</b>	
<b>Dimensions</b>	4.94 x 2.75 x 1.28" (136 x 70 x 32mm) w/o Sensor
<b>Weight (with battery)</b>	6.4 oz (180g)
<b>Case</b>	UL94-V0
<b>Vibration</b>	IEC 68-2-6 (1.5mm, 10 to 55Hz)
<b>Shock</b>	IEC 68-2-27 (30G)
<b>Drop</b>	IEC 68-2-32 (1m)
<b>ENVIRONMENTAL</b>	
<b>Operating Temperature</b>	14° to 122°F (-10° to 50°C)
<b>Storage Temperature</b>	-4° to 140°F (-20° to 60°C)
<b>Relative Humidity</b>	Up to 85% at 95°F (35°C), Non-condensing
<b>Altitude</b>	2000m

## Features

- Monitors and records temperature and humidity
- 14° to 122°F (-10° to 50°); 5 to 85% RH
- Includes built in Temp/RH sensor
- Programmable storage rates from once every 5 seconds to once per day
- 3 user selectable storage modes
- Stores up to 240,000 measurements in non-volatile memory
- Powered by standard Alkaline batteries for a period of 45 days or more
- Lightweight, compact, fits anywhere
- 5 LED indicators quickly and clearly display logger status
- Includes DataView® software FREE for data storage, real-time display, analysis and report generation
- Isolated USB communication cable included
- EN 61010-1; 50V CAT III

## Applications

- Clean rooms
- Blood banks
- Humidors
- Wine cellars
- Greenhouses
- Paper mills

CATALOG NO.	DESCRIPTION	PRICE	NIST CALIBRATION
2126.09	Simple Logger® II Model L702 (2-Channel, Temp/RH Module)	\$399.00	\$98.00