



Model L702

Two channel logger incorporating a unique capacitive sensor element for measuring relative humidity while temperature is measured by a band-gap sensor

► SPECIFICATIONS

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

► 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 1 every day
- 4 user selectable storage modes
- Stores up to 240,000 measurements in non-volatile memory
- Powered by standard Alkaline batteries
- Lightweight, compact, fits anywhere
- 5 LED indicators quickly and clearly display logger status
- Includes FREE DataView® software for data storage, real-time display, analysis and report generation
- Isolated USB 2.0 communication cable included
- EN 61010-1; 50V CAT III

► APPLICATIONS

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