

pH/ORP/Temperature Datalogger



Records data on an SD card in Excel[®] format
For easy transfer to a PC for analysis

Features:

- Dual display of pH or mV and Temperature
- ATC or manual Temperature compensation
- 3 point calibration ensures the best linearity and accuracy
- Large backlit dual LCD
- Stores 99 readings manually and 20M readings via 2G SD card
- Records readings with real date and time stamp
- User programmable sampling rate: 1 second to 8hrs:59min:59sec
- Min/Max and Data Hold functions
- Auto power off with disable function
- Built-in PC interface
- Complete with 6 x AA batteries, SD card, hard carrying case, sample buffers, mini pH electrode (60120B), and Thermistor temperature probe (850188)



Typical applications include measuring pH of processed liquid samples

Specifications	Range	Resolution	Basic Accuracy
pH Range	0 to 14pH	0.01pH	±(0.02pH + 2 digits)
ORP Range	-1999mV to 1999mV	1mV	±(0.5% + 2 digits)
Temperature	32 to 149°F (0 to 65°C)	0.1°	±1.8°F/1°C
Memory	20M data records using 2G SD card		
Dimensions	7.2 x 2.9 x 1.9" (182 x 73 x 47.5mm)		
Weight	16oz (455g)		

Ordering Information:

SDL100pH/ORP/Temperature Datalogger
SDL100-NISTSDL100 w/Certificate of Calibration Traceable to NIST standards
60120BMini pH Electrode (10x120mm)
601500Standard pH Electrode (12x160mm)
601100Flat Surface pH Electrode (15x106mm)
67500BStandard ORP Electrode (12x160mm)
850188Thermistor Temperature Probe (32 to 149°F/0 to 65°C)
153117117V AC Adaptor
UA100-240100-240V AC Adaptor w/4 plugs (US, EU, UK, AU)



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Extech:](#)

[SDL100](#)