

# DATA LOGGERS

## SIMPLE LOGGER® DATA LOGGERS

### MODELS SL01 TO SL13

*These small AC and DC simple loggers can be ready to go in minutes with just a few parameters to set up*



Model SL01



Model SL10



Model SL11



Model SL12



Model SL13

## SPECIFICATIONS

MODELS	SL01	SL10	SL11	SL12	SL13
<b>VOLTAGE</b>					
<b>Range</b>	0 to 5 V <sub>AC</sub>	±100 mV <sub>DC</sub>	±1 V <sub>DC</sub>	±10 V <sub>DC</sub>	±50 V <sub>DC</sub>
<b>Resolution</b>	10 mV	0.1 mV	1 mV	10 mV	50 mV
<b>Accuracy</b>	±(0.5% of Reading + 50 mV)*	±(0.5% of Reading + 0.5 mV)*	±(0.5% of Reading + 5 mV)*	±(0.5% of Reading + 50 mV)*	±(0.5% of Reading + 250 mV)*
<b>Maximum Input Voltage</b>	60 V <sub>DC</sub>				
<b>Input Impedance</b>	800 KΩ				
<b>Power Source</b>	Internal: Two 1.5 V AA non-rechargeable batteries External: USB 2.0 (computer or other USB power source)				
<b>Power Consumption</b>	Internal power: 1 mA (average) External power: 100 mW				

\*Accuracy is specified with the 10-point filter selected to reduce noise.

The Simple Logger Control Panel allows you to configure how data measured by these instruments is recorded and displayed. The available settings depend on which model is connected to the computer. The following table shows which configuration options are available for each model.

FEATURE	SL01	SL10	SL11	SL12	SL13	SL20	SL30	SL31	SL40	SL50
Set up recording	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Define units	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Set instrument clock	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Erase instrument memory	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Scaling	✓	✓	✓	✓	✓	✓	✓			
Filtering	✓	✓	✓	✓	✓	✓			✓	✓
Thermocouple type										✓
Cold Junction Compensation										✓
Rising/Falling events								✓		

## FEATURES

- Simple 1 button operation
- Quick 2 wire input connection
- User configurable scaling, units of measure and recording length
- Stores up to 4 million measurements
- Data analysis software included
- Software provides real-time trend graph display, data download, analysis and report generation
- Micro-B USB cable included

CATALOG NO.	DESCRIPTION
2156.01	Simple Logger Model SL01 (Voltage, 5 VAC)
2156.10	Simple Logger Model SL10 (Voltage, 100mVDC)
2156.11	Simple Logger Model SL11 (Voltage, 1 VDC)
2156.12	Simple Logger Model SL12 (Voltage, 10 VDC)
2156.13	Simple Logger Model SL13 (Voltage, 50 VDC)