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
VOLTAGE					
Range	0 to 5 V_{AC}	±100 mV_{DC}	±1 V_{DC}	±10 V_{DC}	±50 V_{DC}
Resolution	10 mV	0.1 mV	1 mV	10 mV	50 mV
Accuracy	±(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)*
Maximum Input Voltage	60 V_{DC}				
Input Impedance	800 KΩ				
Power Source	Internal: Two 1.5 V AA non-rechargeable batteries External: USB 2.0 (computer or other USB power source)				
Power Consumption	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 V_{AC})
2156.10	Simple Logger Model SL10 (Voltage, 100mV_{DC})
2156.11	Simple Logger Model SL11 (Voltage, 1 V_{DC})
2156.12	Simple Logger Model SL12 (Voltage, 10 V_{DC})
2156.13	Simple Logger Model SL13 (Voltage, 50 V_{DC})

AEMC® INSTRUMENTS