Fluke ScopeMeter® 120B Series—A strong automatic event capturing in-field recorder that gives you the data you need, when you need it

Capture intermittent events with ease

The ScopeMeter 120B Series combines the functionality of portable oscilloscope with the functionality of a smart recorder giving you an easy-to-use, robust in-field trouble shooting solution capable of capturing even the most elusive intermittent events.

Recording and logging functionality:

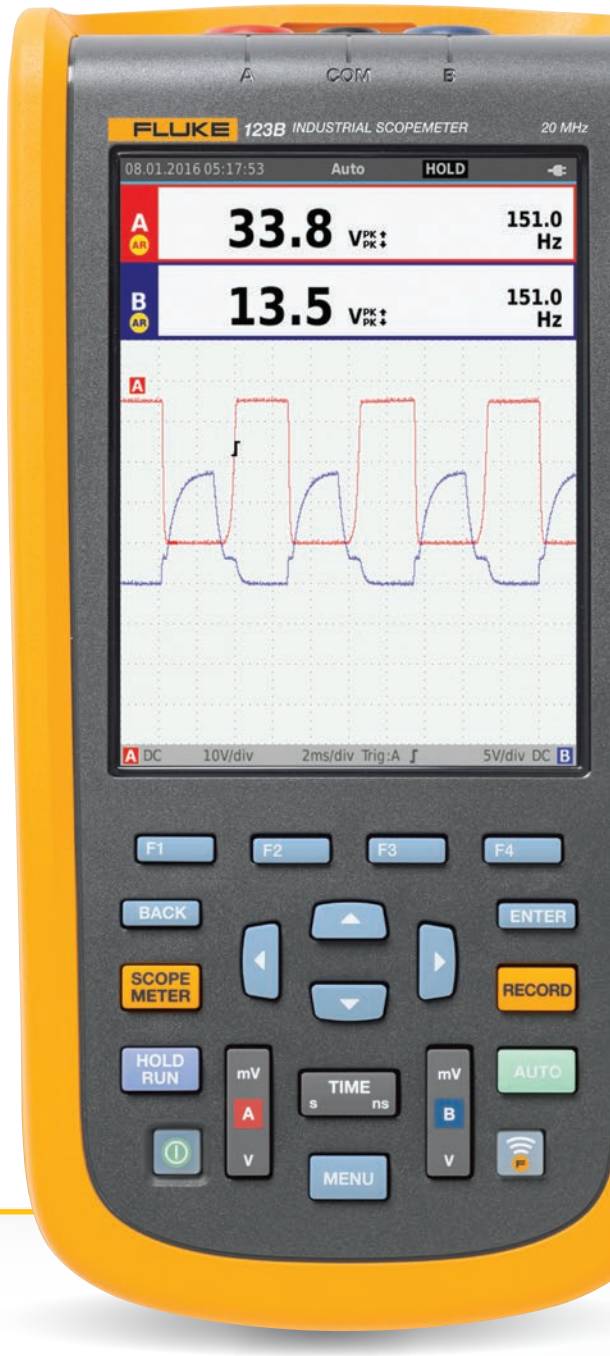
- Meter Recorder to log and trend meter readings over an extended period of time.
- Scope Recorder to continuously log waveforms for a long period without time gaps (as is the case in Scope and Meter mode).

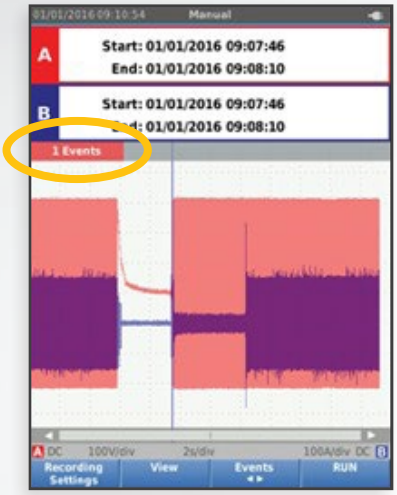
Automatic event capturing—find intermittent events quickly without searching through masses of data.

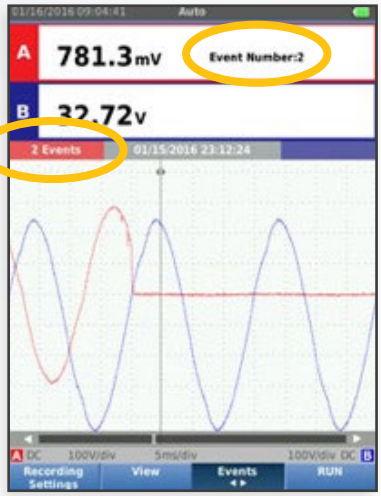
The integrated Meter Recorder allows the ScopeMeter 120B Test Tool to act as a paperless recorder that collects a series of parameter measurements over time, and then shows the result as a graph or a trend-line on screen. The integrated Scope Recorder captures waveforms. Additionally the applied input voltage is registered over time and the resulting waveform is stored in a long term memory record.

The Fluke ScopeMeter 120B Series not only captures critical waveform information, it also delivers the key data with both events incidents and trend data so you can better understand signal characteristics and changes over time.

Automatic event capturing makes detecting and logging of intermittent faults easier than ever. Just set a threshold on a meter or scope trace and deviations are tagged as unique events. You no longer need to search through masses of data to pinpoint faults, and can quickly step from one tagged event to the next while still having access to the full data set.





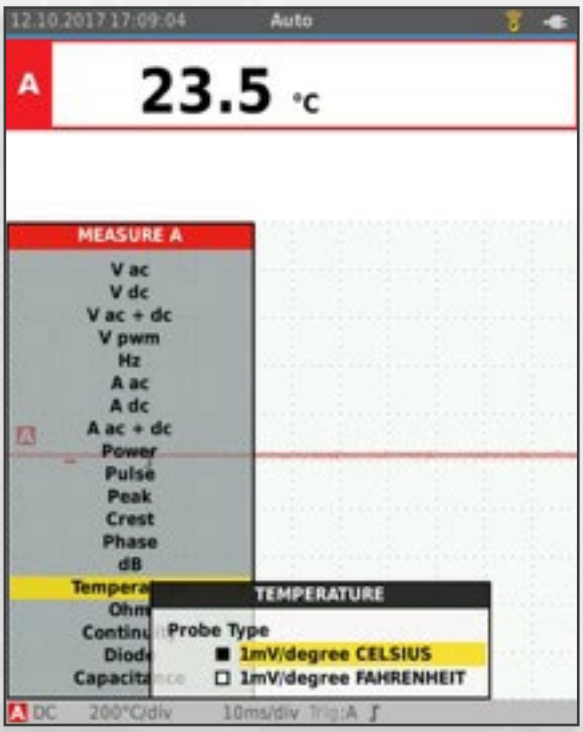


Recording period:

Recording mode	Maximum Number of Events	Internal memory (123B, 124B, and 125B)	32G Micro SD Card (124B, and 125B)
Meter recording	1,024	384 Hours	
Scope recording	64	15 minutes at 500 µs/div 11 hours at 20 ms/div	11 hours at 500 µs/divv 14 days at 20 ms/div

Recording more than electrical signal

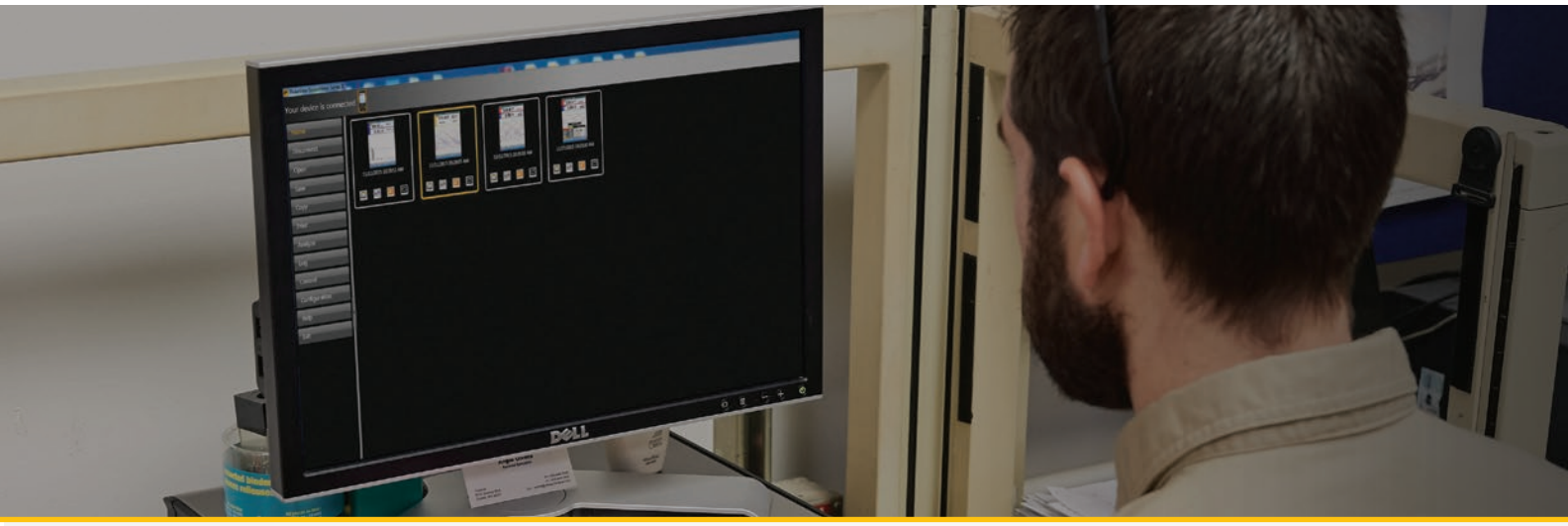
The 120B series can also record and display temperature in either Celsius or Fahrenheit with a temperature module or probe



80TK Temperature Module and
80T-150UA Temperature Probe

Industrial in-field rugged recorder:

- Dual-input waveform and meter reading recorder for trending data over extended periods
- Event Detect captures elusive intermittent signals on repetitive waveforms up to 4 kHz
- Shielded test leads for all measurements
- WiFi adapter connected to internal USB port to wirelessly transfer information to the PC, laptop or Fluke Connect® mobile app
- FlukeView® ScopeMeter Software for Windows®
- Rugged design to withstand 3g vibration, 30g shock, and rated IP51 according to EN/IEC60529
- Highest safety rating in the industry: safety rated for CAT IV 600 V
- Li-Ion rechargeable battery, seven-hours operation (with four-hour charge time)



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