



## **SPARKCHASER™**

Portable wiring tester capable of pinpointing the location of wiring faults on both **energized** and **de-energized** systems

The LiveWire SparkChaser™ is the first portable wiring tester capable of identifying and pinpointing the location of wiring faults, including arc faults, on live and deactivated systems. The SparkChaser revolutionary SSTDR technology provides technicians a unique advantage in quickly locating and repairing damaged wiring, including hard-to-duplicate intermittent failures. The type of fault, distance to fault, and time of occurrence is displayed and recorded. Test results can also be downloaded for diagnostic purposes and trend analysis.

SparkChaser is operated via menu-driven software. It is remarkably simple to use and connects to wires, cables, or harness wiring connectors quickly via standard test leads.

Specifically designed as ruggedized, portable ground support equipment for use at operational level, the SparkChaser is a simple, accurate and reliable maintenance tool.



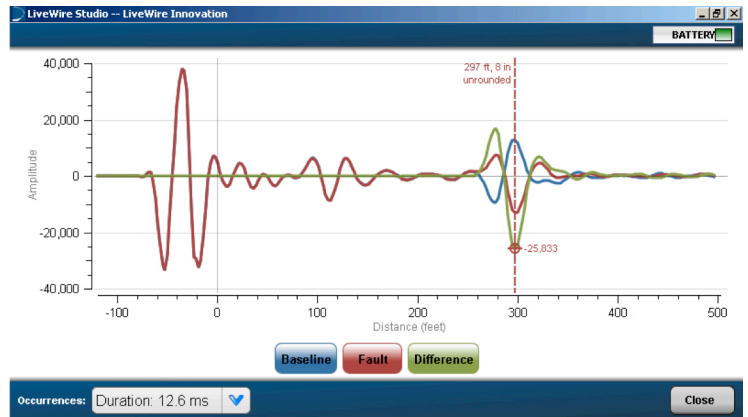
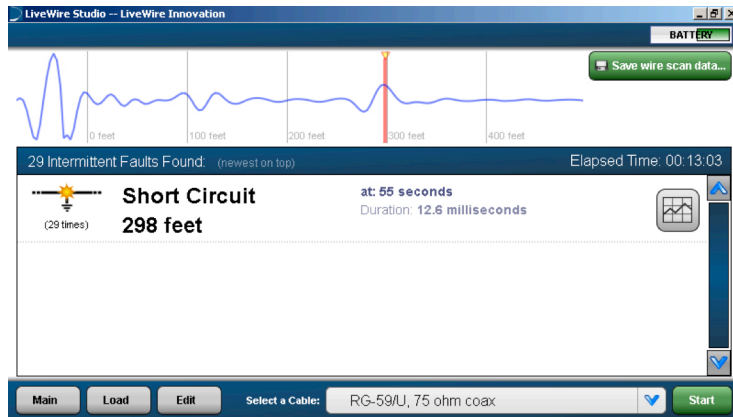
### **Features:**

- Detection and location of wiring faults during system operation
- Location of open and short circuit faults & intermittent faults
- Detection of 10 millisecond or longer arc faults
- Allows monitoring of wires up to 10,000 feet
- Results are recorded, can be downloaded for trend analysis

# SparkChaser LWS-1001 Technical Specifications

## LiveWire Studio

Spread Spectrum Time Domain Reflectometer



### Product Dimensions:

14.2" x 11.4" x 6.5" (36 x 29 x 16.5 cm) – 13 lbs. (5.9 kg)

### Distance to Fault Accuracy:

±1% with known VOP and consistent cable parameters

### Input Ratings for Powered Cables:

300V Cat II Rated

### Power:

Built-in Rechargeable Lithium-Ion Battery & 120/240V Power Adapter

### Supplied Connector Kit:

Leader cable, alligator clips, & large alligator clips. (Custom options available)

### Output Signal Amplitude:

0.016–1.0V Peak to Peak

### Embedded Software:

LiveWire Studio Touch

### Maximum Distance Ratings:

Electrical Cable: 0 to 1,000 feet

Data Cable: 0 to 2,000 feet

Coaxial Cable: 0 to 3,000 feet

Shielded Power Distribution Cable: 0 to 10,000 feet

### Parts:

LWS-1001	SparkChaser
LWS-1001-PS	Power Supply
LWS-1001-AB	Accessory Bag
LWS-1001-LC01	Leader Cable
LWS-1001-AC	Alligator Clips
LWS-1001-LAC	Large Alligator Clips

### Applications:

- Aviation & Aerospace
- Power & Utilities
- Automotive
- Oil & Gas
- Mining
- Data/Communications

CE Complies with Conformité Européenne directives.

## LiveWire Innovation

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