

AMCORDER

CURRENT RECORDER

FEATURES

- Open CT sensor with 1% accuracy
- Easily deploy to the line in seconds
- Recorded data downloads via IrDA
- Review and graph data for analysis



COLLECT + ANALYZE LOAD PROFILES

This medium voltage amp recorder temporarily deploys onto primary or secondary overhead lines with easy installation, retrieval, and data download.

The true RMS inductive sensor does not use magnetic materials and has no moving parts. The opening of the sensor is electronically closed, while any external currents are electronically rejected. The accuracy, current reject, and range of currents measured by the amp sensor substantially exceed the performance of other industry sensors.

The key feature of the Amcorder is the ability to leave it deployed on the line to record average current readings, at user-defined intervals, for 90+ days. It easily attaches to the line with a hot stick and once on the line it begins to collect and record the current load.

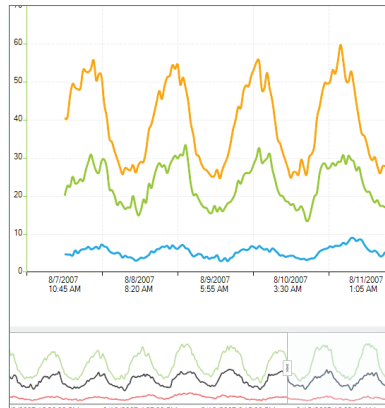
The Amcorder is equipped with an infrared USB port for communicating the recorded data into the user's computer. Data is downloaded to SensorLink's Softlink software, a user-friendly interface that allows the user to download, view, graph, and export the measurements. Data is saved as an .xml or .csv file, allowing it to be opened and analyzed into other data management programs.

The housing of the Amcorder is built to operate safely, even in severe utility environments. It is resistant to shock, repels water, unsusceptible to flame, and operates in a wide temperature range.

Deploy Amcorders to record load profiles on all phases and retrieve them days, or weeks, later for download and data analysis. Once downloaded of data they are ready for deployment at the next service location.



Amcorder OH Conductor



Graphing with Softlink

APPLICATIONS

Check for load balance
 Conduct load studies
 Meter verification
 Power diversion studies

AMCORDER SPECIFICATIONS	
Model Number	6-920-3
Description	Amcorder, Three Phase Kit
Kit Includes	3 ea Amcorder 1 ea IrDA USB Cable 1 ea Softlink Software 1 ea Hot Stick Adapters 1 ea Carrying Case
Range of Operation	
Voltage	69kV
Current	1 to 1000A
Sensor Opening	Up to 1.3 in, up to 3.3 cm
Resolution	
Amps 1-99A	0.1A
Amps 100-1000A	1A
Accuracy	±1%, ±2 Counts
Frequency, 50 Hz	47 to 53Hz
Frequency, 60 Hz	57 to 63HZ
Mechanical	
Weight	1.5 lbs, 0.68 kg
Dimensions	9.8 in x 4.8 in x 3 in (24.77 cm x 12.07 cm x 7.62 cm)
Operating Temperature	-4° to +140° F, -30° to +60° C Lithium battery required for temperatures below -4°F (-20° C)
Housing	Shock resistant molded urethane
Hot Stick Mounting	Shotgun or Universal. Hot stick not included.
Battery	9V Alkaline or Lithium, one each per Recorder
Software Requirements	Softlink by SensorLink
Data Collection Space	64,000 data points
EEC Standards	Successfully passed international test standards indicated by CE



Three Phase Amcorder Kit + Accessories



Single Phase Amcorder Kit + Accessories



SensorLink[®] Corporation

1360 Stonegate Way

Ferndale, WA 98248

p: +360.595.1000

e: info@sensorlink.com

www.sensorlink.com