

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

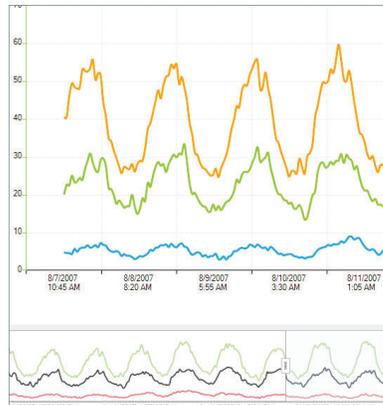
This medium voltage amp recorder is designed for temporary deployment onto low or medium voltage lines. It easily installs and removes from the line.

The Amcorder uses the same sensor technology as the Ampstik®. 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. Two mechanical designs allow for either underground or overhead applications.

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

Quickly and safely deploy Amcorders to record load profiles on all phases, and then easily remove for deployment at the next location.



Amcorder UG, Padmount 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 |
| RAM | 32 MB, 64 Recommended |
| Processor | 100 MHz or Higher (200 MHz or higher recommended) |
| Drive Space | 15 MB to load software, 10 MB of Operating Space |
| 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



Three Phase Amcorder UG Kit + Accessories



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