

Amcorder UG Underground Recording Ammeter

Collect and analyze load profiles

Use on Underground Circuits

Open CT sensor with $\pm 1\%$ accuracy

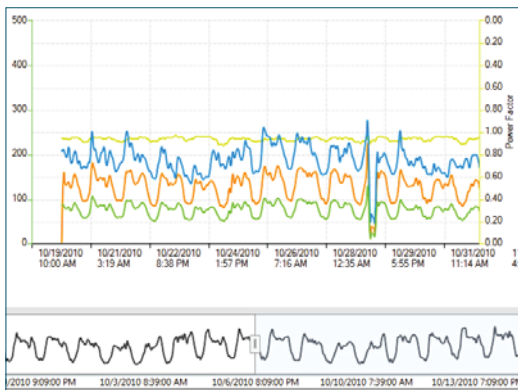
Submersible to 6 feet

Recorded data quickly downloads into the user's PC

Generate reports and create graphs for profile analysis



Graphing with Softlink Software



The **Amcorder UG** uses the same current sensor technology as the SensorLink Ampstik. The True RMS inductive sensor does not use magnetic materials and has no moving parts. The opening of the sensor is electronically closed and external currents are electronically rejected. The accuracy, external current reject, and range of currents measured by the patented amp sensor substantially exceed the performance of the best clamp-on sensors.

The **key feature** is the ability to leave the Amcorder UG deployed on an elbow to record average current readings at user defined intervals for up to 90+ days. It easily attaches to the line with a standard

shotgun style hotstick. Once on the line, it immediately begins to collect and record the current load.

The **housing** of the Amcorder UG is made of urethane and is built to operate safely, even in severe utility environments. It is resistant to shock, unsusceptible to flame and is submersible to six feet. It also operates within a wide temperature range. The Amcorder UG has a non-conductive clamp assembly, which allows it to securely hang vertically beneath the elbow.

The **Amcorder UG** is equipped with an infrared USB port for communicating the recorded data directly into the user's computer. The data is downloaded

through SensorLink's Softlink software. Softlink is a user-friendly software interface that allows the user to download, view, graph and export data from the Amcorder UG. Data is saved as an .xls file, allowing it to be opened and analyzed in other data management programs.

This simple to use current recorder is an excellent tool for conducting load profile studies on underground circuits. Quickly deploy it for current recording and retrieve it days or weeks later for download and data analysis.

Applications

Check for load balance

Conduct load studies

Meter Verification



Amcorder *UG* Underground Recording Ammeter

Model Number	6-920-UG-3
Description	Amcorder UG, Three phase kit
Kit Includes	3 ea Amcorder UG 1 ea rDA USB Cable 1 ea Softlink Software 1 ea Carrying Case
Range of Operation	
Voltage	69kV
Current	1 to 2000A
Sensor Opening	Up to 2.5 in, up to 6.35cm
Resolution	
Amps	0.1A
Accuracy	±1%, ±2 Counts
Frequency 50HZ	47 to 53Hz
Frequency 60HZ	57 to 63Hz
Mechanical	
Weight	1.8 lbs, 0.82 kg
Dimensions	8.78 in x 5.38 in x 3.74 in, 22.3 cm x 13.7 cm x 9.5 cm
Operating Temperature	-22° to +140° F, -30° to +60° C Lithium battery required for temperatures below -4° F (-20° C)
Housing	Shock resistant molded urethane
Submersible	Submersible to 6' of water
Hotstick Mounting	Shotgun Style Hotstick. Hotstick not included.
Battery	9V Alkaline or Lithium
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 spac
Data Collection Space	64,000 Data Points



Three phase Amcorder UG Kit



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