Amcorder *UG* Underground Recording Ammeter

Collect and analyze load profiles

Use on Underground Circuits

Open CT sensor with ±1% accuracy

Easily clamps to the line in seconds

Submersible

Recorded data quickly downloads into the user's PC

Softlink interface makes data analysis easy

Generate reports and create graphs for profile analysis

The Amcorder UG uses the same sensor technology and topology 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 every few minutes for 30+ days. It easily attaches to the line with a standard shotgun style hot-stick. 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 and is unsusceptible to flame. 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.
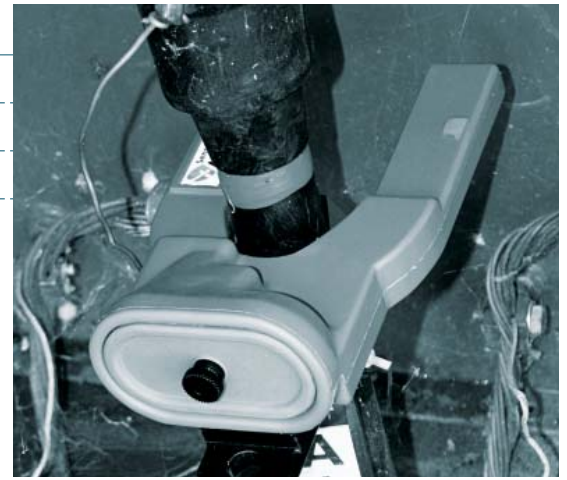
The Amcorder UG is equipped with an infrared USB port for communicating the recorded data into the user's PC. The data is downloaded through SensorLink's Softlink software. Softlink is a user-friendly software interface that allows the user to download, view, graph and export data from the Amcorder UG. The data directly transfers from the Amcorder into Softlink through an Infrared Port.

Applications

Check for load balance

Conduct load studies

Meter Verification

Amcorder *UG* Underground Recording Ammeter

Model Number	6-920-UG-3
	3ea Amcorder UG
	IrDA USB Cable
	Softlink Software
	Carrying Case
Range of Operation	
Voltage	69kV
Current	1 to 2000A
Sensor Opening	Up to 2.5", up to 6.35cm
Resolution	
Amps	0.1A
Accuracy	±1%, +2 counts
Frequency	60Hz (57 to 63HZ) or 50Hz (47 to 53Hz)
Mechanical	
Weight	1.8 lbs, 0.82 kg
DImensions	8.78" x 5.38" x 3.74", 22.3cm x 13.7cm x 9.5cm
Operating Temperature	-4° to +140° F, -20° to +60° C
Housing	Shock resistant molded urethane
Submersible	Submersible to 6' of water
Hotstick Mounting	Shotgun Style Hotstick, not included
Battery	9V Alkaline
Software Requirements	Windows 98, Windows 2000, XP, XP-Pro, Vista and Windows 7