

# UNDERGROUND CABLE FAULT TESTER

## UCT-8



## Raise the Standard - The All New Dimension of Underground Cable Fault Testing

The Underground Cable Fault Tester, model UCT-8, is a lightweight, one-piece operation for underground DC leakage current testing. This tool is used to test the de-energized primary shielded voltage cable for a fault. Test results are clearly displayed as an analog bar graph along with an indication of a good or faulted cable. A self-contained 8kV high voltage source powers the tester using a 9V lithium battery, making the UCT-8 a compact single hotstick operation tool for testing cable.

**HD** HD ELECTRIC COMPANY





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- Clear and simple test results shown on the large LED display, no interpretation needed
- Compact, single hotstick operation for testing cable
- Self-contained 8kV high voltage source powers the tester
- Easy to use – one button test function
- Lightweight
- Field replaceable 9V lithium battery with low battery indication



Power on



If voltage is displayed then cable is still energized



Performing test



Good cable test results - cable discharging



Faulted cable test results - cable discharging

### ORDERING INFORMATION

UCT-8/K01	Kit Includes UCT-8 with (1) 025-OLPS-5, (1) ASP-15/25 and CS-UCT Case
UCT-8	Underground Cable Fault Tester; Includes UCT-8 with (1) 025-OLPS-5 and CS-UCT Case
ASP-15/25	Underground Adapter Bushing Probe, 15kV & 25kV Class
ASP-35U	Underground Adapter Bushing Probe, 35kV (Universal) Class
EA-15/25	Loadbreak Elbow Adapter, 15kV & 25kV Class
025-OLPS-5	Overhead Hook Brass Probe
CS-UCT	Plastic Carrying Case
S-4H	4' Fixed Length Fiberglass Hotstick
S-6H	6' Fixed Length Fiberglass Hotstick
<b>The use of a hotstick is required</b>	

### SPECIFICATIONS

TEST VOLTAGE OUTPUT	8kVDC
OPERATING VOLTAGE RANGE	50V-25kVAC line to ground
OPERATING FREQUENCY	50/60Hz
ACCURACY	AC voltage, 5% of reading
MAXIMUM CABLE LENGTH TESTED	1500 ft. (457m)
BATTERY	9V field replaceable lithium battery
BATTERY LIFE	Approximately 40 tests on 300' of 250 Kcmil (non-faulted) cable, fewer on faulted cable
OPERATING TEMPERATURE RANGE	+20°F to +120°F (-7°C to +49°C)
WEIGHT (WITHOUT PROBES)	3 lbs (1.36kg)
DIMENSIONS (WITHOUT PROBES)	14" L x 4.6" W x 4.1" H (36cm x 12cm x 10cm)
CORD LENGTH	Retracted: 3.5' (1.7m); extended 12' (3.6m)



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