

Portable Cable Fault Location

AXF Series

HIGHEST RESOLUTION AND ACCURACY
WITH LOW COST



AXF Series

Easiest operation of any available equipment.

Combination TDR, thumper hipot sectionalize.


Choose: 16kv / 8 kv, 25kv / 12.5 kv or new 28kv / 14kv.

Features the fastest automatic TDR technology.

Available in monochrome or color.

amperis

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JUST SWITCH ON, PUSH THE GREEN START BUTTON WHEN PROMPTED, AND IN LESS THAN 60 SECONDS UNIT DISPLAYS DISTANCE TO FAULT



Detail of control panel

AXF Series equipment has the following characteristics:

- Fast 3 step operation
- Highest joule ratings of portable equipment in the industry
- Wet weather operation
- Large wide wheels for ease and stability
- Dual thump capacitors 1280/1563/1960/3126 j
- Cold weather operation
- 120 v or battery operated
- Built in battery charger

FOUR DIFFERENT MODELS:

	AXF16- 1280v.2	AXF25- 1563v.2	AXF28- 1960v.4	AXF25- 3126v.4
Voltage (adjusted with knob)	0-8kV; 0-16kV	0-12.5kV; 0-25kV	0-14kV; 0-28kV	0-12.5kV; 0-25kV
Thump Rate	Approx. every 10-15 Seconds			
Energy	1280 Joules @ 8kV and 16kV	1563 Joules @ 12.5kV and 25kV	1960 Joules @ 14kV and 28kV	3126 Joules @ 12.5kV and 25kV
Burner	Optional			150mA
Weather	Operation from -25 · F (-31 · C) to 110 · F (43 · C). Unit & Controls sealed for all weather operation.			
Controls	All controls are motorized and operated by toggle switches.			
12V Internal Battery	Standard			
120V AC	Standard			
12V DC External	Standard			
240V AC	Optional			
Dimensions	48" (1.2m) Height, 29.5" (75cm) Wide			
Weight	230 Lbs. (105kg)	250 Lbs (114kg)	250 Lbs (114kg)	340 Lbs. (154kg)
Leads	50' (15.25m) Shielded HV Lead terminated in Male MC Connector and a 15' (4.5m) #2 Ground Cable are standard. Cable Reel Systems, EPR-X-ray Cable HV Leads and Custom Lengths are also Available.			
HV Coupler/Filter	An inductive filter is used to minimize distortion and energy loss.			
TDR Specifications	v.2 Monochrome		v.4 Color	
Auto Analyze	Automatically marks end of cable and fault location and gives distance.			
Screen	3.5" (8.9cm) x 4.5" (11.4cm) LCD (320x240) - Backlight Visible in Bright Light		10.5" diagonal (243mm x 185.1mm) color TFT LCD - Backlight Visible in Sun Light	
Environmental	Radar contained within the sealed case of the thumper allowing all weather operation. Operable from -25°F (-31°C) to 110°F (43°C).		Radar contained within the sealed case of the thumper allowing all weather operation. Operable from 20°F (-7°C) to 120°F (49°C).	
Accuracy	0.5% of the range selected			
Memory	9 Memories available. Software is also available for downloading traces to a Laptop		15 Memories available. Software is also available for downloading traces to a Laptop	
Additional Features	3 phase display, Current Impulse Method (CIM) available as options			

OPTIONAL SAFELY DELIVER EQUIPMENT TO THE JOB SITE

Amperis Transporters provide a safe and easy way to transport AXF series cable fault locating equipment or Savor temporary service restoration equipment. With a minimum of user effort the equipment can be moved to any job site with a truck equipped with a receiver hitch.



Manual Transporter with Savor



Loading and AXF onto Manual Transporter