

# AXF TP Series

HIGHEST RESOLUTION AND ACCURACY  
WITH LOW COST




Cable Fault Location

## AXF TP Series

Easiest operation of any available equipment.  
Up to 7614 joules, some of the largest in industry.  
Several options. Truck/Van Mounted.  
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
- One of the highest constant energy joule ratings in the industry
- Wet weather operation
- Control/TDR separate from thumper
- Dual&Tri thump capacitors Up to 7614 J
- Cold weather operation
- Up to 300mA BURN or HIPOT
- Thumper mountable outside to save bin space

**SEVEN DIFFERENT MODELS:**

	AXF16- 1280TP	AXF28- 1960TP	AXF25- 3126TP	AXF28- 3920TP	AXF32- 5120TP	AXF36- 6480TP	AXF36- 7614TP
<b>Voltage (adjusted with knob)</b>	0-8kV; 0-16kV	0-14kV; 0-28kV	0- 12.5kV; 0-25kV	0-14kV; 0-28kV	0-8kV; 0-16kV; 0-32kV	0-9kV; 0-18kV;0-36kV	
<b>Thump Rate</b>	Approx. every 10 Seconds						
<b>Energy</b>	1280 Joules @ 8kV and 16kV	1960 Joules @ 14kV and 28kV	3126Joules @ 12.5kV and 25kV	3920 Joules @ 14kV and 28kV	5120 Joules @ 8kV,16kV and 32kV	6480 Joules @ 9kV,18kV and 36kV	7614 Joules @ 9kV,18kV and 36kV
<b>Weather</b>	Operation from -20°F (-29° C) to 131°F (55°C). Unit & Controls sealed for all weather operation.						
<b>Controls</b>	All controls are motorized and operated by toggle switches.						
<b>Input Power</b>	120V AC Standard (240V AC Optional)						
<b>Weight</b>	230 Lbs. (105kg)	250 Lbs (114kg)	340 Lbs (155kg)	340 Lbs. (155kg)	540 Lbs. (245kg)		
<b>Leads</b>	25' (7.6m) Shielded HV Lead terminated in Male MC Connector and a 25' (7.6m) #2 Ground Cable are standard to interface a Cable Reel System. 125' (38m) and 200' (61m) Cable Reel Systems are available. Cables from Thumper to Control/TDR 15' (4.5m)						
<b>HV Coupler/Filter</b>	An inductive filter is used to minimize distortion and energy loss.						
<b>Burner</b>	140mA	100mA	150mA	150mA	250mA	300mA	
<b>Hi Pot</b>	1ma, 10mA Current Measurement to full voltage (optional)						
<b>TDR Specifications</b>	v.2 Monochrome				v.4 Color		
<b>Auto Analyze</b>	Automatically marks end of cable and fault location and gives distance						
<b>Screen</b>	3.5" (8.9cm) x 4.5" (11.4cm) LCD with 320x240 dot matrix - Backlight Visible in Bright Light				10.5" diagonal (243mm x 185.1mm) color TFT LCD - Backlight Visible in Sun Light		
<b>Environmental</b>	Radar contained within the sealed case of the thumper allowing all weather operation. Operable from -25°F (-31°C) to 131°F (55° C).				Radar contained within the sealed case of the thumper allowing all weather operation. Operable from 20°F (-7° C) to 131°F (55°C).		
<b>Accuracy</b>	0.5% of the range selected						
<b>Memory</b>	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		
<b>Additional Features</b>	3 phase display, Current Impulse Method (CIM) available as options						