



XF TP Series

Truck/Van Mounted
TDR/Thumper/Hipot/Burner

CFL

Just switch on, push the green start button when prompted, and in less than 60 seconds unit displays distance to fault.

Benefits:

- Now the most energy for those hard to find faults!
- Features the fastest automatic TDR technology.
- Up to 7614 joules, one of the highest constant energy joule ratings in the industry.
- Easy 3-step operation.
- Wet and cold weather operation.
- Dual & tri thump capacitors up to 7614 joules.

Description:

The XF TP series consists of a thumper, a digital memory radar, an arc reflection method coupler (filter) in a two-piece truck mountable configuration with a 125' or 200' cable reel system. All controls for the unit are on the integrated radar control unit requiring no access to the thumper/filter for operation. The control unit can be mounted in the cab or a tool bin of a truck. The watertight all aluminum thumper/filter unit is designed to be mountable in the bed of a truck or a tool bin. The unit can operate from 120 V AC or 12 V DC (optional).

Model # XF16-1280v.2TP | XF16- 2560v.4TP
XF25-1563v.2TP | XF25-3126v.4TP | XF28-1960v.4TP
XF28-3920v.4TP | XF32-5120v.4TP | XF36-6480v.4TP
XF36-7614v.4TP

**FOR FURTHER INFORMATION
PLEASE CONTACT:**

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Thumper Specifications	XF16-1280TP	XF28-1960TP	XF25-3126TP	XF28-3920TP	XF32-5120	XF36-6480	XF36-7614
Voltage	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	0-9kV; 0-18kV; 0-36kV
Thump Rate	Approx. every 10 Seconds						
Energy	1280 Joules @ 8kV and 16kV	1960 Joules @ 14kV and 28kV	3126 Joules @ 12.5kV and 25kV	3920 Joules @ 14kV and 28kV	5120 Joules @ 8kV,16k V and 32kV	6480 Joules @ 9kV,18k V and 36kV	7614 Joules @ 9kV,18k V and 36kV
Weather	Operation from -20° F (-29° C) to 131° F (55° C). Unit & Controls sealed for all weather operation.						
Controls	All controls are motorized and operated by toggle switches.						
Input Power	120V AC Standard (240V AC Optional)						
Weight	230 Lbs. (105kg)	250 Lbs. (114kg)	340 Lbs. (155kg)	340 Lbs. (155kg)	540 Lbs. (245kg)		
Leads	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)						
HV Coupler/Filter	An inductive filter is used to minimize distortion and energy loss.						
Burner	140mA Optional	100mA Optional	150 mA	150mA	250mA	300mA	300mA
Hi Pot	1ma, 10mA Current Measurement to full voltage (Optional on XF16-1280 and XF28-1960)						
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 with 320x240 dot matrix - 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 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).			
Accuracy	0.5% of the range selected						
Memory	Nine Memories available. Software is also available for downloading traces to a Laptop			Fifteen Memories available. Software is also available for downloading traces to a Laptop			

Specifications Subject to Change Without Notice

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