



XF Series Portable Arc Reflection System Portable Combination TDR Thumper

Hipot Sectionalizer

CFL

Benefits:

- ☐ Features the fastest automatic TDR technology
- ☐ Easy 3-step operation
- ☐ Displays distance to fault in under 60 seconds
- ☐ Highest joule ratings in the industry (of portable equipment)
- ☐ Dual thump capacitors (1280/1563/1960/3126/3920J)
- ☐ Operates from internal battery, 120/240 V AC, or external 12 V DC
- ☐ Built-in battery charger
- ☐ Multiple Voltage Options (16/25/28 kV)

Description:

The VON XF Series is a portable combination TDR, thumper hipot sectionalizer available with monochrome or color displays. It offers the highest joule ratings for portable equipment in the industry, provides durable all weather operations and comes equipped with wide wheels for ease, mobility and stability.

Model # XF16-1280v.2 | XF25-1563v.2 | XF28-1960v.4
XF25-3126v.4 | XF28-3920v.4

All models available in monochrome or color

Thumper Specifications	XF16-1280v.2	XF25-1563v.2	XF28-1960v.4	XF25-3126v.4
Voltage <small>Note: voltage can be adjusted w/ knob</small>	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			N/A
120V AC	Standard			
12V DC External	Standard			N/A
240V AC	Standard			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 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	
Additional Features	3 phase display, Current Impulse Method (CIM) available as options			

Specifications Subject to Change Without Notice

Other available options by special request: - v.4 upgrade on XF16 or XF25 - XF16-1526, 1526J @ 8kV & 16kV

**FOR FURTHER INFORMATION
PLEASE CONTACT:**

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