



## 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.5x  
XF25-3126v.5x | XF28-3920v.5x

**All models available in monochrome or color**



Thumper Specifications	XF16-1280v.2	XF25-1563v.2	XF28-1960v.5x	XF25-3126v.5x
<b>Voltage</b> <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
<b>Thump Rate</b>	Approx. every 10-15 Seconds			
<b>Energy</b>	1280 Joules @ 8kV and 16kV	1563 Joules @ 12.5kV and 25kV	1960 Joules @ 14kV and 28kV	3126 Joules @ 12.5kV and 25kV
<b>Burner</b>	Optional			150mA
<b>Weather</b>	Operation from -25° F (-31° C) to 110° F (43° C). Unit & Controls sealed for all weather operation.			
<b>Controls</b>	All controls are motorized and operated by toggle switches.			
<b>12V Internal Battery</b>	Standard			N/A
<b>120V AC</b>	Standard			
<b>12V DC External</b>	Standard			N/A
<b>240V AC</b>	Standard			Optional
<b>Dimensions</b>	48” (1.2m) Height, 29.5” (75cm) Wide			
<b>Weight</b>	230 Lbs. (105kg)	250 Lbs. (114kg)	250 Lbs. (114kg)	340 Lbs. (154kg)
<b>Leads</b>	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.			
<b>HV Coupler/Filter</b>	An inductive filter is used to minimize distortion and energy loss.			
<b>TDR Specifications</b>	v.2 Monochrome		v.5x 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 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>	Nine Memories available. Software is also available for downloading traces to a laptop		100 Memories available. Download traces direct to USB	
<b>Additional Features</b>	3 phase display, Current Impulse Method (CIM) available as options			

Specifications Subject to Change Without Notice

**Other available options by special request:** - v.5x upgrade on XF16 or XF25 - XF16-1526, 1526J @ 8kV & 16kV

**FOR FURTHER INFORMATION  
PLEASE CONTACT:**

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