

VLF Cable Testing for cables rated to 20 kV

CE

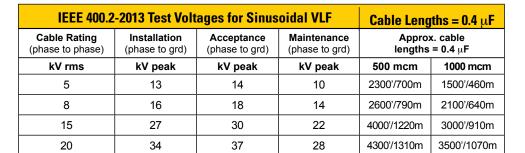
VLF-30CM(F)

Features and Benefits

The High Voltage, Inc. VLF-30CM is one of the smallest and lightest VLF ac hipots available. HVI introduced sine wave VLF technology in 1997. This model has been in field use since 2002 and has proven to be a very durable design. Economical and easy to use, it is perfect for withstand tests on shielded power cables per IEEE400.2-2013. The VLF-30CM is our basic unit, for advanced features such as remote operation, programming, professional reports, and solid state menu-driven technology see our VLF-34E.

Specifications

Input	120 volts, 60 Hz, 5 A peak, 2.5 A average (F) 230 V, 50/60 Hz, 2.5 A peak, 1.5 A average
HV output	Sinusoidal 0 - 30 kVac peak @ 0.1 Hz
Load rating	0.4 μF maximum load capacitance at any voltage
Duty cycle	Continuous at 0.4 µF load rating up to 30 kVac peak
Volt meter	3.5" Analog center zero: -30 kVac peak - 0 - +30 kVac peak
Current meter	3.5" Analog: 0 - 50 mAac peak Charging Current
Output cable	20'/6 m RG 8/U with battery clamp termination
Size / weight	15" w x 11.5" d x 22" h, 82 lbs. (F) 88 lbs. 381 x 292 x 559 mm, 37 kg. (F) 40 kg



Test duration should be 30 - 60 minutes at the above voltages.

Model voltage rating: The VLF-30CM(F) meets the voltage changes implemented in IEEE-400.2-2013 standard, where the VLF Acceptance test voltage for 15 kV cable is now 30 kVac peak, increased from 28 kVac. The VLF-30CM(F) can also Maintenance test 20 kV cable at the 28 kVac peak requirement of the standard.



VLF Tan Delta
VLF Partial Discharge
also available.



Controls are easy and reliable.



Solid State Design Alternative
Model VLF-34E with TD-34E
0-34 kVac @ 0.1 - 0.01 Hz
@ 0.5 μF - 8.0 μF



The World's Source for High Voltage Test Equipment

MADE IN THE USA