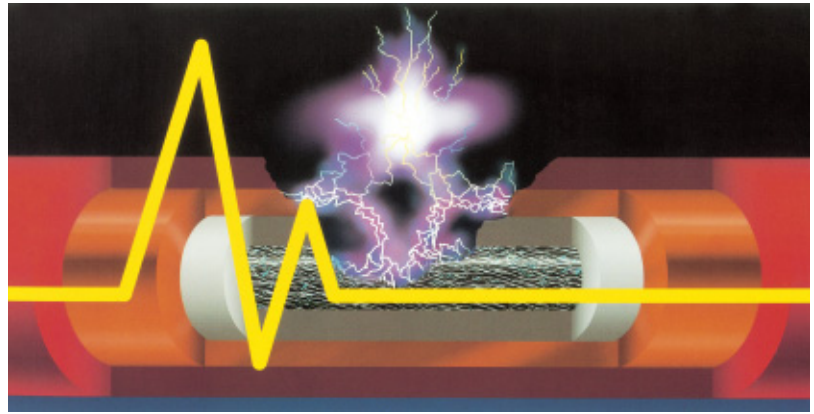


VLF 20 kV



20kV RMS VLF Hipot Test Set

Replaces DC Hipot Testing
Hipots New & Repaired 15kV Circuits



Technical Specifications VLF 20kV RMS

VLF testing is the ***proven replacement*** for the traditional DC Hipot Acceptance or 'Proof' test. With more than 700 Very Low Frequency (VLF) units sold, and over 16 years of field use, HDW offers the only VLF units which are capable of measuring true leakage current. Our VLF technology provides the ***most meaningful test results*** because it is the ***only one*** on the market that ***replicates the stress of 60Hz*** 'Operational AC' Voltage.

AC VLF Output voltage:

0-20 kV_{eff}(RMS), (\cong 28kV PEAK)

AC VLF Frequency

0,1 Hz true sinusoidal transition output,
always independent of load

Testable cable capacity:

3 μ F max.
(can test several phases per test)

Voltage shape:

Cosine Rectangular Wave

Change over slope:

approx. 5 ms, *replicates*
Operational 60 Hz AC

DC Output Voltage:

0-20 kV

Leakage Current Measurement Both for AC VLF & DC operation

0-5 mA (*Optional*)

Discharge Unit:

integrated, 10 μ F in 3 s
(safely grounds cable under test)

Power Supply:

120 V, 60 Hz, approx. 5 A
230 V, 50 Hz, approx. 2.5 A

Operating Temperature:

-20 °C to +40 °C
(-4 °F to +104 °F)

Dimensions:

(W x H x D) – 20 x 12 x 24 in.

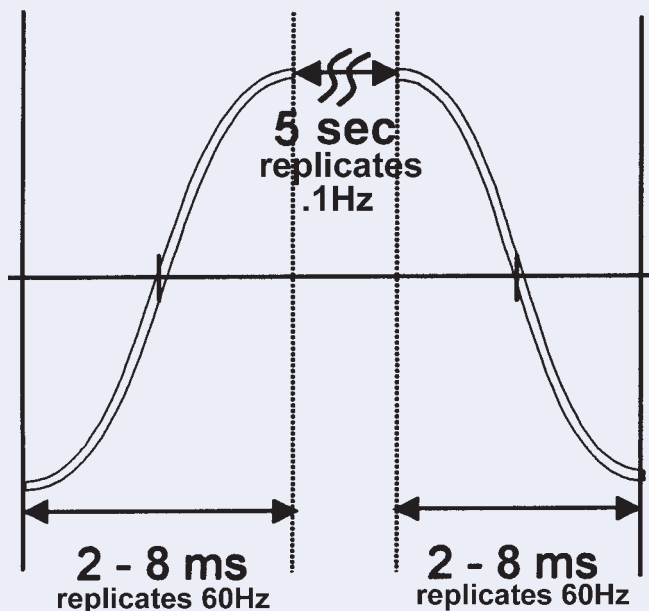
Weight:

110 lb.

NOTE:

*Inquire also about HDW's
27kV, 40kV & 60kVRMS
.1Hz VLF test equipment
for distribution circuits.*

*Custom designed units for
higher voltages & charging
capacitances are available
on request.*



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Subject to changes without notice

Your Local Representative is: