



***VLF 20 kV RMS***

***VLF 27 kV RMS***

***NEW,***

***the only one !***

- 0.1Hz AC Hipot***
- Battery operated***
- Stainless Steel Enclosure***
- Weather proof Operation***



***Replaces DC Hipot Testing of XLPE Cables***  
***AC Hipots New & Repaired Feeders & URD***

# Technical Specifications VLF 20kV & 27kV RMS

Low Frequency AC Hipot Testing is the **recommended replacement\*** for the traditional DC Hipot or 'Proof' test after a cable repair. Since being in the market as the first manufacturer almost 20 years ago with our patented VLF Technology we have sold more than 1,000 VLF AC Hipot units worldwide. Inherent to our technology is the ability to test very long and big size cables and a low supply power requirement. This enables us to offer the **only available Battery Operated 0.1Hz AC Hipot Tester**, which is packaged in a tough stainless steel, weatherproof enclosure and can be operated under inclement weather conditions.  
\* IEEE 400.2



Transportable Unit, 120VAC , Control Panel



Portable Battery Operated Unit, Control Panel

## AC VLF Output voltage

0 - 20 kVRMS **or** 0 - 27 kVRMS

## DC Output voltage

0 - 20 kVPeak **or** 0 - 27kVPeak

## AC VLF Frequency

0,1 Hz true sinusoidal transition output,  
load independent

## Testable cable capacity

3.0 $\mu$ F max. **or** 5.0 $\mu$ F max.  
30,000 to 50,000ft typical URD cable

## Leakage Current Measurement for both 0.1Hz AC & DC (Optional)

## Automatic Discharge VLF & DC Operation

integrated, 10  $\mu$ F in 3 s  
(safely grounds cable under test)

## Emergency Off Mushroom Button

locks after activation, must be re-set to acknowledge

## Power Supply

120 VAC, 60 Hz, approx. 5 A  
12 VDC Battery Operated  
(built-in battery charger / inverter)

## Operating temperature

-20 °C to +40 °C

## Dimensions / Weight (transportable unit)

(W x D x H) 20' x 12' x 24' / 110 lb  
Powder Coated Steel Enclosure

## Dimensions / Weight (portable battery op. unit)

(W x D x H) 20' x 12' x 24' / 200 lb  
Stainless Steel Enclosure

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Your Local Representative is: