



200 kV High Voltage VLF Test Set

200kV AC peak, 0.1/.05/.02 Hz Sine Wave
High Voltage Test Set



VLF-200CMF

VLF Patent # US 6,169,406

Very Low Frequency AC Hipots

AC testing of cables and electrical apparatus is now easier than ever.

With the introduction of the High Voltage, Inc. line of portable and affordable VLF hipots, there is now a practical method of field-testing various loads, particularly cables and rotating machinery. High Voltage, Inc. offers a full line of VLF AC Hipots from 28 kVac to 200 kVac with models that can test up to 50 μ F of load, cables from 150 feet to 90 miles in length and the largest of generators/motors. Use VLF for AC stress tests and/or our Tan Delta unit with our VLF as the voltage source for cable diagnostics.

Control Specifications (25 kVA Input)

Input: 230V, 80A peak, 50/60Hz (Single phase)
Duty cycle: Continuous
Size: 24"W x 25.5"D x 71" H (61cm x 65cm x 180cm)
Weight: Approx. 650 lbs. (295 kg)



Control Features

High voltage metering: 0-200kVac peak, Analog (3.5 in. display)
Current metering: 0-200 mA ac, Analog (3.5 in. display)
On/Off Controls with zero start interlock
Fixed Primary overload, 120% of primary rating
Three Fixed Operating Frequencies: 0.1/.05/.02 Hz
Burn/Hipot Operation Mode Switch
Digital Dwell Timer
External interlock
Capacitance Measuring Circuit

High Voltage Specifications

Output: 0-200kVac peak, 100mA
Size: 59" W x 36.75" D x 86.75" H (155cm x 93cm x 220cm)
Weight: Approx. 3700lbs. (1678kg)
Load capacitance: .75 μ F @ 0.1 Hz, up to 3.75 microfarad @ 0.02 Hz
Metal Film 1% voltmeter divider resistors
Duty: Continuous
Steel tank with top mounted feed-through bushing
Heat Exchanger and filtering assembly

Benefits

Much smaller and more affordable compared to power frequency (50/60 Hz) AC resonant test sets. Can test up to 60,000 feet or 19,300 meters of power cable. Consult our sales department.



HIGH VOLTAGE, INC.

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High Voltage, Inc. designs and manufactures high voltage test equipment for utility and industrial applications. Also available are Very Low Frequency (VLF) high voltage AC test sets, DC power packs, AC and DC instrumented test sets, cable fault locators and other products.