

VLF Very Low Frequency Tester



1.1 Application

The VLF Very low frequency Tester is applied in power cable and generator insulation test in power system

1.2 Technical index

- 1) Max voltage output: refer to table 1
- 2) Output frequency: 0.1Hz, 0.05Hz, 0.02Hz
- 3) Measurement error < 3%RDG+0.3%FS
- 4) Positive and negative voltage peak errors < 3%RDG+0.3%FS
- 5) Power supply: AC220V ± 10%, 50Hz/60Hz
- 6) Voltage wave form distortion: <5%
- 7) Environment temperature: 0~50℃
- 8) Humidity: ≤85%RH



Table 1 parameters for very low frequency tester

Model no	Rated Voltage/current	Load Carrying Capacity	Product Structure and Weight
VLF-30	30kV/20mA (Peak)	0.1Hz, ≤ 1.1μ F	Controller: 4kg Booster: 25kg
		0.05Hz, ≤ 2.2μ F	
		0.02Hz, ≤ 5.5μ F	
VLF-50	50kV/30mA (Peak)	0.1Hz, ≤ 1.1μ F	Controller: 4kg Booster: 50kg
		0.05Hz, ≤ 2.2μ F	
		0.02Hz, ≤ 5.5μ F	
VLF-80	80kV/30mA (Peak)	0.1Hz, ≤ 0.5μ F	Controller: 4kg Booster Grade 1(30kV): 25kg Booster Grade 2(50kV): 50kg