



# VLF PROOF TESTERS

## MAIN FEATURES

- Ease Of Use
- Lightweight
- Robust Design
- Sinusoidal Output
- 5.5uF Test Load
- 40-80kV Peak Output
- 0.1, 0.05 and 0.02Hz



## DESCRIPTION

VLF proof testers perform voltage withstand tests and provide the voltage source for diagnostic cable testing. Vlf testing has established itself in the past two decades as the only system to use for cable testing. The instruments are highly portable and can be set up and used by a single person. Test results are printed immediately after a successful test.



## SPECIFICATIONS

### Output Voltage

VLF-40, 0-40kV Peak (28kV RMS)/30mA  
VLF-60, 0-60kV Peak (43kV RMS)/30mA  
VLF-80, 0-80kV Peak (57kV RMS)/60mA

### Sinusoidal Output

VLF-40 and VLF-60  
0.1Hz ≤ 1.1uF Load  
0.05Hz ≤ 2.2uF Load  
0.02Hz ≤ 5.5uF Load

VLF-80

0.1Hz ≤ 0.5uF Load  
0.05Hz ≤ 1.1uF Load  
0.02Hz ≤ 2.5uF Load

### Stability of frequency

Fluctuation < 0.5%

### Measurement accuracy

± 3%.

### Positive and negative voltage peak errors

≤ 3%.

### Voltage waveform distortion

≤ 5%

### Dimensions and weight

VLF-40  
Control Unit 280×370×220mm. 4kg  
Transformer 350×200×360mm. 35kg  
Compensating Capacitor (For Short Cables)  
300X300X700mm. 10kg

VLF-60

Control Unit 280×370×220mm. 4kg  
Transformer 1, 330×180×340mm. 25kg  
Transformer 2, 330×180×340mm. 25kg  
Compensating Capacitor (For Short Cables)  
300X300X700mm. 10kg

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VLF-80

Control Unit 280×370×220mm. 4kg  
Transformer 1, 330×180×340mm. 25kg  
Transformer 2, 370×240×390mm. 45kg

### Compensating Capacitor (For Short Cables)

300X300X700mm. 10kg

### Test Environment

Temperature Indoor and outdoor: -10°C to + 50°C.

Humidity: ≤ 85%

### Supply Voltage

VLF-40  
230V 50Hz, 6A  
VLF-40  
230V 50Hz, 10A  
VLF-40  
230V 50Hz, 12A

### Accessories

Connecting leads in soft carry bag  
Mains lead  
Telescopic discharge resistor  
Units packaged in neat transport cases



Management System  
ISO 9001:2015



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