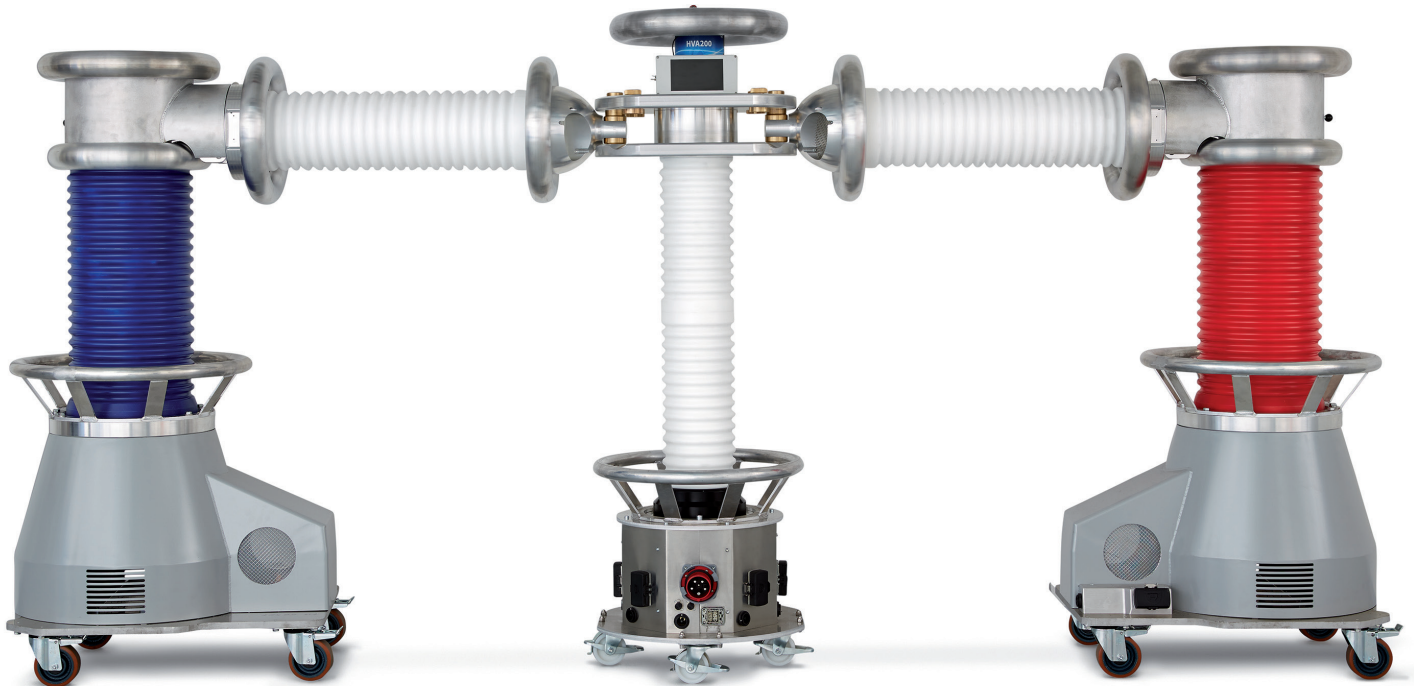


HVA200

VLF High Voltage Test Set



The high power HVA200 Test System is capable of testing cables up to 141 kV (Test Voltage $1.7 \times U_0$). The smallest and lightest VLF unit of his class offers VLF (Very Low Frequency) 0.1 Hz standard testing as well as DC output voltage up to 200 kV. The HVA200 system can be upgraded with optional Tan Delta or Partial Discharge Diagnostics Systems. This space saving configuration allows the test set to be mounted on a van or trailer or can be transported in solid transport boxes (optional).

Features

- Output voltage 200 kV_{peak} 141 kV_{rms}
- Pure sinusoidal output voltage (load-independent)
- Output current 140 mA max.
- Cable Testing According IEEE400
- Unlimited and continuous duty cycle
- Interface: Optical fiber & USB
- Programmable test sequences
- Upgradable with partial discharge diagnostics and Tan Delta system (optional)
- PC software "b2 Suite®" with various control and reporting functions included
- RMS digital metering of voltage and current. Automatic measurement of R and C
- Automatic load calculation and frequency selection (0.01 - 0.1 Hz)
- Load independent, true symmetrical sinusoidal output over the entire power range
- Hybrid System
- Flexible positioning

HVA200

VLF High Voltage Test Set

Type	HVA200	
Article number	SH0218	
Output voltage	VLF sine wave	200 kV _{peak} 141 kV _{rms}
	DC	+/- 200 kV
Output current	max. 140 mA	
Output power	7.2 kVA	
Output frequency	0.01 - 0.1 Hz	
Output load	0.65 μ F @ 0.1 Hz @ 141 kV _{rms} max. 10 μ F maximum capacitance!*	
Input voltage	3 P + N + PE 16A 230/400 V AC	
Input frequency	48 – 62 Hz	
Input power	9 kVA	
Output modes	AC (VLF) symmetrical and load independent across full range DC (plus or negative polarity)	
Interface	Optical fiber and USB	
Weight	< 900 kg	
Dimensions L x H x W	Flex set-up / 430 x 230 x 120 cm	
Environmental conditions	storage: -25°C to +70°C operating: -10°C to +45°C humidity: 5-85 % non condensing	
Protection class	IP22	

* at lower frequency and voltage

Options

- Tan Delta system
- Partial Discharge diagnostics system
- Transport boxes
- Mounted on a truck or trailer