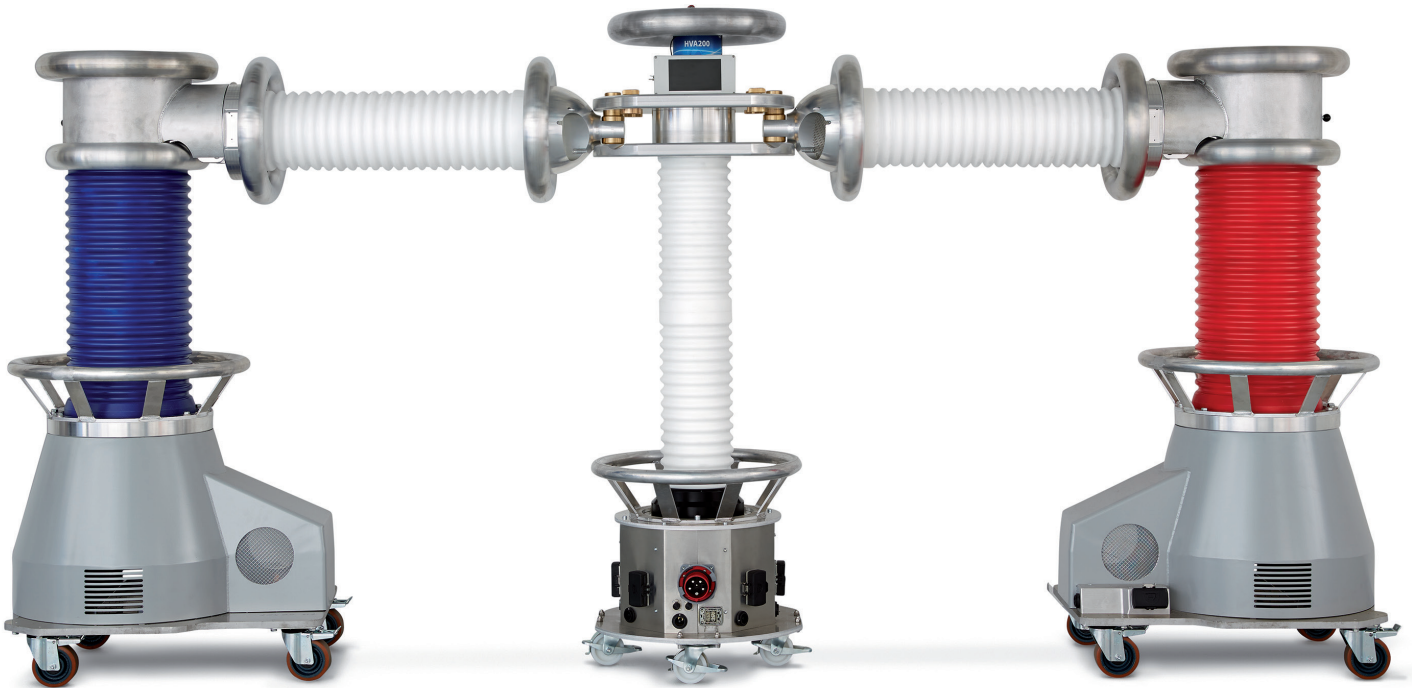


HVA200

VLF High Voltage Test Set



The high power HVA200 Test System is capable of testing cables up to 138kV (Test Voltage $1.7 \times U_0$). The HVA200 is for laboratory use or can be fitted as a mobile test laboratory into a van. The smallest and lightest VLF unit of his class offers VLF (Very Low Frequency) 0.1Hz standard testing as well as DC output voltage up to 200kV. The HVA200 system can be upgraded with optional Tan Delta or Partial Discharge Diagnostics Systems.

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Features

- Output voltage 200kV_{peak} 138kV_{rms}
- Pure sinusoidal output voltage (load-independent)
- Output current 140mA max.
- Cable Testing According IEEE400
- Unlimited and continuous duty cycle
- Interface: Optical fibera & 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 positionig
- Almost unlimited operating time

HVA200

VLf High Voltage Test Set

Type	HVA200	
Articlenumber	SH0218	
Output Voltage	Sinusoidal	200 kV _{peak} 138 kV _{rms}
	DC	+/- 200 kV
	AC	0 – 138 kV _{rms}
Output Current	max. 140 mA	
Output Power	7.2 kVA	
Max. C Load at 0,1 Hz	0.6 µF - 138 kV _{rms}	
Input Voltage	3 P + N 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	< 850 kg	
Dimension L x H x W (cm)	Flex set-up / 430 x 230 x 120	
Environmental conditions	Storage: -25°C to +70°C Operating: -10°C to + 45°C Humidity: 5-85% non condensing	
Protection Class	IP22	

DHV1279 Rev04 - ENGLISH - Subject to alternations. Errors excepted. Illustrations are not binding.

Options

- Tangens Delta System
- Partial Discharge Diagnostics System



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