HVA200
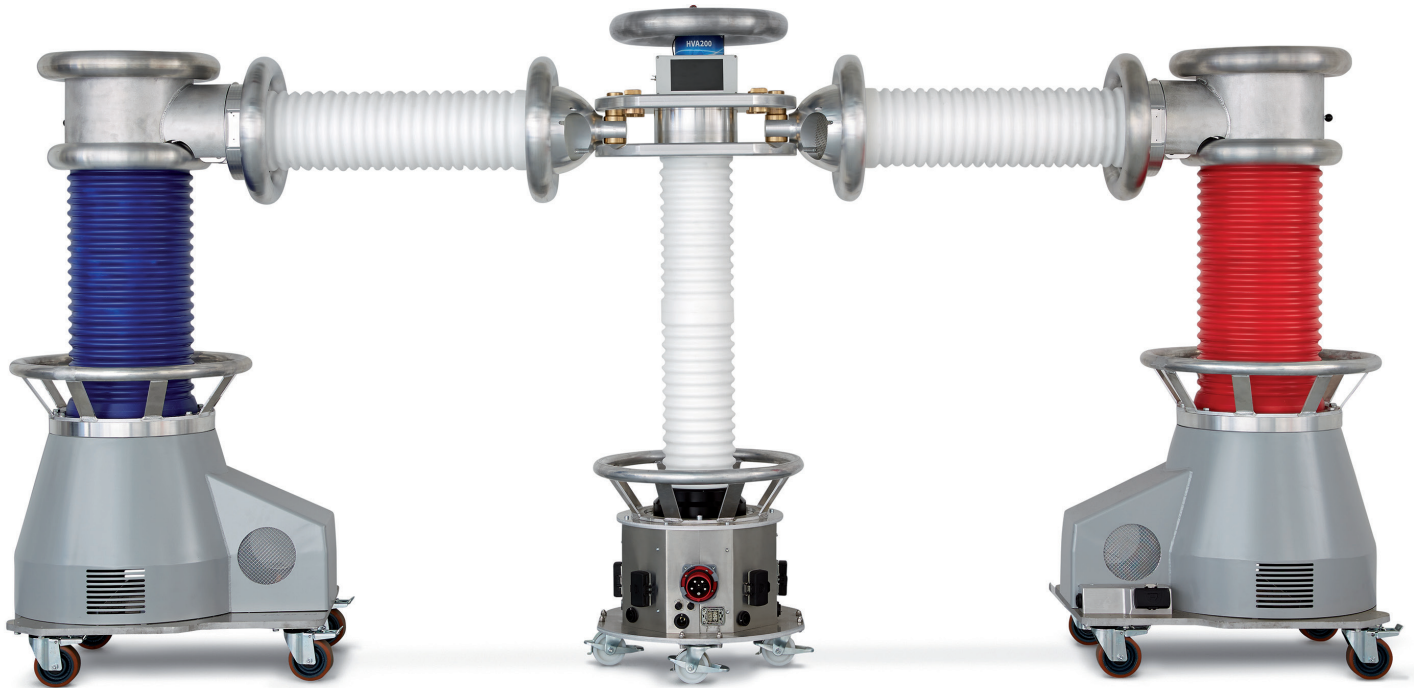## VLF High Voltage Test Set

The high power HVA200 Test System is capable of testing cables up to 138 kV (Test Voltage 1.7 x U0). The HVA200 is for laboratory use or can be fitted as a mobile test laboratory into a van. The smallest and lighvtest 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.

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Features

- Output voltage 200 kV_{peak} 138 kV_{rms}
- Pure sinusoidal output voltage (load-independent)
- Output current 140 mA max.
- Cable Testing According IEEE400
- Unlimited and continuous duty cycle
- Interface: Opitcal 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

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HVA200
VLF High Voltage Test Set

Type		HVA200
Articlenumber		SH0218
Output Voltage	VLF Sinusoidal	200 kV$_{peak}$ 138 kV$_{rms}$
	DC	+/- 200 kV
Output Current		max. 140 mA
Output Power		7.2 kVA
Output Frequency		0.01 - 0.1 Hz
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		Otical 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

Options

- Tangens Delta System
- Partial Discharge Diagnostics System
- Transport Boxes

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