

HIGH VOLTAGE TEST SYSTEM GHV3000 SERIES

HIGH VOLTAGE TEST SYSTEM WITH ELECTRONIC POWER SOURCE

This powerful test system provides a voltage up to 100kV for testing medium voltage components such as power transformers, switchgear and cables.

The separate control unit allows the operation of the high voltage tests at a safe distance.

By the innovative and efficient frequency converter technique, a sinusoidal output voltage with low harmonic is generated.

The voltage is precisely measured and regulated.

The complete remote control via PC allows safe testing from the control room and increases safety and productivity.

APPLICATION

- Applied AC High Voltage Tests
- Power Transformers
- Switchgear
- Cables

KEY FEATURES

- Applied AC High Voltage Test
- Voltage up to 100kV
- Current 100mA or 200mA
- Frequency 50-60Hz
- Power 10kVA or 20kVA
- Touch display
- Safety according to EN50191
- Ethernet interface
- Compact design with 2 units

KEY BENEFITS

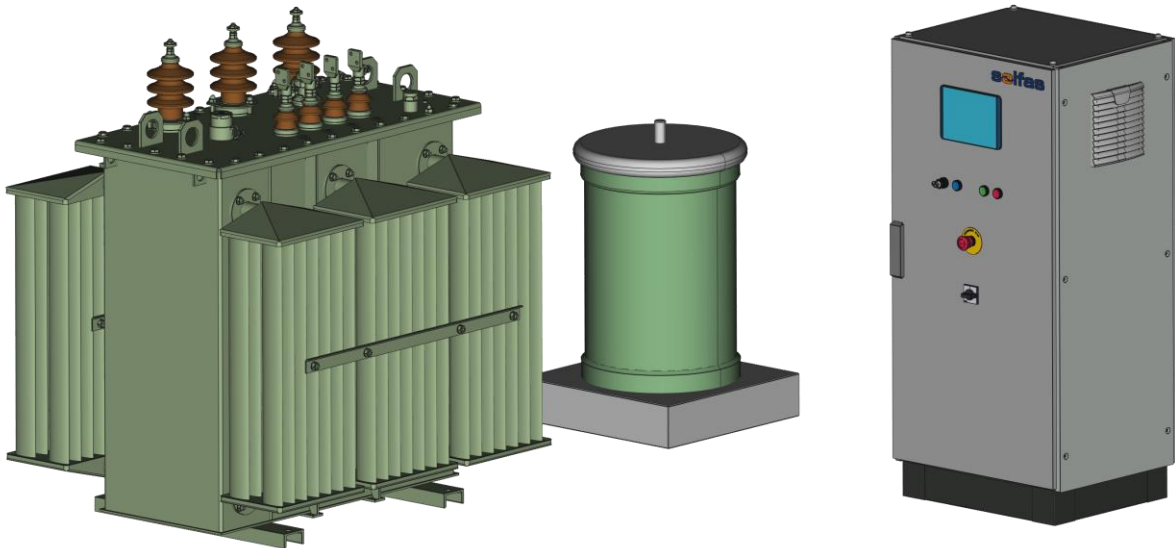
- Precise Voltage Regulation
- Fast Voltage Adjustment
- Voltage Ramps functions
- Available for PD tests
- Full Remote Control from PC

TECHNICAL SPECIFICATIONS

HIGH VOLTAGE TEST SYSTEM - GHV3000 SERIES

Model		GHV3000-10-100	GHV3000-20-100
Output power		10kVA for 60s, 5kVA continuous	20kVA for 60s, 10kVA continuous
Output range		100kV 100mA ¹⁾	100kV 200mA ¹⁾
Output frequency		50-60Hz ¹⁾	
High voltage transformer		Single pole, oil-insulated, maintenance-free, cylinder type	
Input voltage		3AC 400V±5% 50-60Hz ¹⁾	
Input current		16A max	32A max
Measurements		Output voltage, Output current, Transformer input current Current accuracy 1.0% of range Voltage accuracy 2.5% of range	
Protections		Adjustable overcurrent limit Overvoltage, overtemperature	
Safety features		Internal emergency stop, connection for external emergency stop, connection for one safety interlock, warning lights, key switch, start and stop buttons	
Dimensions (WxHxD)	Control Unit	600x1600x600mm	800x1900x600mm
	High Voltage Unit	540x830x540mm	540x830x540mm
Weight		210kg + 200kg	320kg + 200kg

¹⁾ other on request



SOLFAS TECHNOLOGIE GMBH

We specialize in the development and distribution of test systems, power supplies and measuring instruments. Experts in electrical testing and automation, our company offers a broad range of high-performance full-service testing solutions and measuring instruments. We provide clients in the automotive, aerospace, energy and traditional industry sectors with the equipment they need to test high power components, such as chokes, transformers and electric motors.