



## HIGH VOLTAGE TESTER GHV1000-75-15

### HIGH VOLTAGE TEST SYSTEM FOR HIGH POWER AC DIELECTRIC TEST

This powerful test system provides a voltage up to 75kVAC for testing medium voltage components such as power transformers, switchgear and cables.

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

### KEY FEATURES

- Voltage up to 75kVAC
- Output power 15kVA
- Oil insulated transformer
- Overcurrent protection
- Safety control with emergency stop button according to EN50191

### KEY BENEFITS

- High power AC test system
- Compact design with 2 units
- Easy and safe operation
- Mobile solution with castors

### APPLICATIONS

- High voltage testing of
- Transformers
- Switchgear
- Cables

# TECHNICAL SPECIFICATIONS

## HIGH VOLTAGE TESTER GHV1000-75-15

Model	<b>GHV1000-75-15</b>
Output Power	15kVA
Output Voltage	AC 0-75kV
Output Current max.	200mA continuous, 400mA short circuit for 1s
HV Transformer	Single pole, oil-insulated, maintenance-free, high voltage bushing
Power Supply	3AC400V +/- 10% 50-60Hz, 50A, 18kVA, 63A CEE plug
Measurements	Output voltage 0 ... 75kV AC Output current 0 ... 200mA, 0 ... 20mA, 0 ... 2mA AC Transformer input current 0 ... 50A Accuracy 2.5% of range
Ambient conditions	Indoor use, operation temperature 5-40°C (5-55°C with output current derating), storage temperature -10°C-60°C, relative humidity max. 90% (non-condensing), max. altitude 1000m
Protection	Adjustable overcurrent limit Overvoltage, overtemperature
Safety features	Emergency stop, warning lights, interlock loop, interlock key, Safety control unit for operation according to EN50191
Extra Features	HV unit and control unit with swivel castors for easy transportation Build-in printer for results
Dimensions / Weight	Control unit 553x600x1567mm (WxDxH), 100kg, approx. HV transformer unit 500x500x1400mm (WxDxH), 300kg, approx.
Included Accessories	HV connection cable 20m (rated 30kV) Ground connection cable 20m Connection cable Control Unit – HV Unit 5m Power supply cable 5m with CEE 63A plug Earthing rod

Technical details subject to change



Picture GHV control unit operation panel

## SOLFAS TECHNOLOGIE GMBH

We are specialized in the development and implementation of test systems, power supplies and instrumentation. As an expert in electrical testing and automation, our company offers global innovative and reliable solutions for the industry. Our products are characterized by a precisely matching to individual customer needs hardware and software.