



# GHV2000 SERIES HIGH VOLTAGE SAFETY TESTER

HV dielectric tests with precise AC source

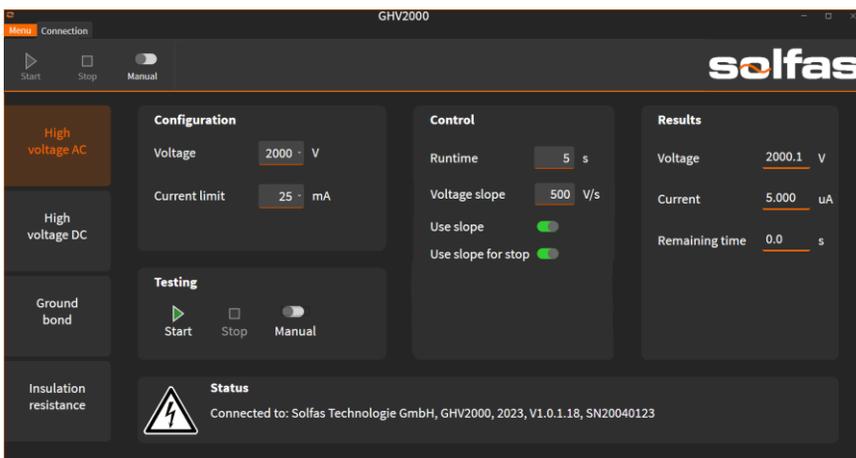
The GHV2000 are high voltage testers for dielectric testing of all types of electronic devices and electrical components such as chokes, transformers, coils and other winding goods.

They are equipped with an electronic AC source, voltage regulation and adjustable overcurrent protection. This makes them accurate, fast and safe to use.

DC high voltage and insulation resistance testing are available as options. Ground bond testing with current up to 30A is another option.

Full remote control makes them ideal for system integration.

An easy-to-use software for operating the device is included.



## APPLICATIONS

- Test Systems Integration
- High Voltage Dielectric Tests
- Production or Laboratory use
- Voltage Source for PD Tests

## KEY FEATURES

- Electronic HV Source
- Output Voltage up to 6kV AC
- Output Power 500VA
- Adjustable Overcurrent Limit
- Full Remote Control
- Full Safety Features (EN50191)
- Ethernet and USB Interface

## KEY BENEFITS

- Precise Voltage Regulation
- Fast Voltage Adjustment
- Voltage Ramps functions
- Available for PD tests
- Compact Size

## AVAILABLE OPTIONS

- DC High Voltage
- Insulation Resistance
- Ground Bond Test
- Low disturbances for PD Tests

# GHV2000 SERIES

## Technical Specifications

### Output Data

<b>Voltage</b>	0...6kV AC
<b>Current</b>	100mA AC, >200mA in short circuit
<b>Frequency</b>	50Hz or 60Hz
<b>Power</b>	500VA
<b>Measurements</b>	Voltage range 0...6000V AC Current ranges 1mA, 10mA, 100mA AC Accuracy 0.2% ±0.2% of range
<b>DC High voltage test (Option -DC)</b>	Test voltage 100...6000V DC Current ranges 1mA, 10mA, 100mA DC Accuracy 0.2% ±0.2% of range
<b>Insulation resistance test (Option -IR) (includes -DC option)</b>	Test voltage 100...6000V DC Ranges 10MΩ, 100MΩ, 1GΩ, 10GΩ Accuracy 2% ±0.2% of range
<b>Ground bond test (Option -GB)</b>	Test current 1...30A AC Measuring range 0...500mΩ Accuracy 0.5% ±2mΩ
<b>Safety features</b>	Connection for external emergency stop, safety circuit and warning lamps
<b>Power Supply</b>	88-264 V AC, 47-63 Hz
<b>Dimension (WxHxD)</b>	449x133x495 mm (19" 3HU)
<b>Weight</b>	20.0 kg

## Ordering Information

Article	Order number
GHV2000 High Voltage Tester 6kV AC	GHV2000
GHV2000 with DC High Voltage Option	GHV2000-DC
GHV2000 with Ground Bond Option	GHV2000-GB
GHV2000 with Insulation Resistance Option	GHV2000-IR
GHV2000 with Ground Bond and Insulation Resistance	GHV2000-GB-IR
GHV2000 suitable for PD Measurements	GHV2000-PD

### Included Accessories

- Test leads, length 2m
- Ethernet, USB, Mains cable
- Safety interface connector
- Software and Instruction manual on USB-stick
- Calibration certificate

### Optional Accessories

Warning lights Red / Green	GHV-WL1
Connection set for system integration	GHV-CABKIT



## SOLFAS TECHNOLOGIE GMBH

We specialize in the development and distribution of test systems, power supplies, and measurement instruments. As experts in electrical test and automation, our company offers a wide range of high-performance, full-service test solutions and measurement instruments. We provide customers in the automotive, aerospace, energy, and traditional industries with the equipment they need to test high-power components such as chokes, transformers, and electric motors.