



The GPT/GPI-800 Series Safety Tester series offer an economical solution for the most frequently used electrical safety requirement, the AC withstanding test. The GPT/GPI-800 Series provide a reliable and accurate test environment for the operator through a number of safety-oriented features such as a zero turn-on switch, remote control functions, and a PASS/FAIL signal output. In addition to the basic AC Withstanding test, the GPT-815 also features DC Withstanding testing and the GPI-825/826 feature Insulation Resistance testing. With a 500VA of AC capacity for the GPT-805/815 & GPI-825 there is ample headroom for testing a wide range of electrical equipment and components. The simple and robust GPT/GPI-800 Series can be used effortlessly in almost any real world application.

## GPT-805/815 & GPI-825/826



Patent No: ZL 02 3 35181 . 0

### FEATURES

- \* 500VA AC Capacity (for GPT-805, GPT-815, GPI-825)
- \* True RMS Current Readback
- \* Arc Detection
- \* Zero Turn-On Operating Switch (for GPT-805, GPT-815, GPI-825)
- \* 3 Ranges of Adjustable Cut Off Current
- \* Voltage Output Adjustable During Test Period
- \* Digital Display for Voltage, Current and Timer at the Same Time
- \* 9 Pin Remote Control for START, RESET
- \* Automatic FAIL Indicator of Alarm Lamp and Buzzer
- \* General Input Power Acceptable
- \* Easy Operation

### GHT-205 High Voltage Test Probe

For: GPT/GPI-700A Series  
GPT/GPI-800 Series



### SPECIFICATIONS

#### ACW TEST

AC Output Voltage	0.2kV ~ 5kV
V Regulation	15%
V Accuracy	$\pm(3\% \text{ rdg} + 3\text{counts})$
Trip Current	0.3 ~ 100mA ; 0.3 ~ 20mA (GPI-826)
Current Accuracy	$\pm(5\% \text{ rdg} + 2\text{counts})$

#### DCW TEST (GPT-815)

DC Output Voltage	0.2kV ~ 5kV
V Regulation	20%
V Accuracy	$\pm(3\% \text{ rdg} + 3\text{counts})$
Trip Current	0.3 ~ 10mA
Current Accuracy	$>1\text{mA} : \pm(5\% \text{ rdg} + 20\mu\text{A})$ $\leq 1\text{mA} : \pm(5\% \text{ rdg} + 40\mu\text{A})$

#### IR TEST (GPI-825/826)

Output Voltage	DC 500V / 1000V
Resistance	1~2000M
Resistance Accuracy	1~500M $\pm(5\% \text{ rdg} + 2\text{counts})$ 501M ~2000M : $\pm(10\% \text{ rdg} + 2\text{counts})$

#### FEATURES

Test Time	1 ~ 180 seconds or continual
Arc Detection	0.3 ~ 100mA 0.3 ~ 20mA (GPI-826)
Digital Display	V, A, Time Voltage & Current : 3 1/2 digits, 0.39" LED Timer : 3 digits 0.39" LED

#### POWER SOURCE

AC 115V  $\pm 10\%$ , AC 230V  $\pm 10\%$ , 50/60 Hz(factory setting)

#### DIMENSION & WEIGHT

330(W) x 149(H) x 446 (D) mm, Approx. 20kg ; Approx. 15kg (only GPI-826)

NOTE : All specifications are guaranteed when the AC input power source distortion is less than 3%.



**GPI-825**

**Rear Panel**



MODEL	FUNCTION	OUTPUT	AC	DC	IR
<b>GPT-805</b>		500VA	✓		
<b>GPT-815</b>		500VA	✓	✓	
<b>GPI-825</b>		500VA	✓		✓
<b>GPI-826</b>		100VA	✓		✓

#### ORDERING INFORMATION

**GPT-805** AC 500VA Withstanding Voltage Tester

**GPT-815** AC 500VA / DC 50VA Withstanding Voltage Tester

**GPI-825** AC 500VA Withstanding Voltage / Insulation Tester

**GPI-826** AC 100VA Withstanding Voltage / Insulation Tester

ACCESSORIES :

User manual x 1, Power cord x 1, High Voltage test Probe GHT-205 x 1

#### OPTIONAL ACCESSORIES

**GHT-107A** Clip High Voltage Probe

**GHT-113** High Voltage Test Pistol

**GRA-402** Rack Adapter Panel, Rack Mounting (19", 4U)

#### GHT-113

#### High Voltage Test Pistol

- \* Housing of unbreakable plastic
- \* Operation voltage 10kVDC/8kVAC max.
- \* Connecting via highly flexible safety cable
- \* Power supply line approx. 2m
- \* Wear-resistant tungsten test probe tip
- \* Teflon sleeve for resistance to burning

