



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
GPT-805		500VA	✓		
GPT-815		500VA	✓	✓	
GPI-825		500VA	✓		✓
GPI-826		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

