

DESCRIPCION DEL PANEL

1. Display Matricial LCD 240 x 64 Azul Hielo, con una mejor vision de los parametros y de los resultados de la prueba
2. Indicadores LED de Alta intensidad para mostrar el status del equipo
3. Salida de Alto Voltaje de Hipot AC 5kV max. y DC 6kV max. en 2V por paso; Prueba de Resistencia de Aislamiento de 50V~1000V en 50V/paso
4. Teclado de Rápida Selección , correspondiente a las funciones o parámetros desplegados en pantalla
5. Terminal Remote provee control de “inicio” y “fin” mediante un controlador externo
6. Salida de Alta Corriente, hasta 30A ac para la prueba de 4 hilos de Ground Bond
7. El Puerto de la señal de I/O provee control remoto “inicio” y “final” y monitorea el status de la prueba del equipo
8. Los puertos de USB y RS-232C facilitan la comunicación
9. La comunicación GPIB es opcional
10. Terminales de salida, trasera (solo la Serie GPT-9900)



GPT-9904 AC 500VA AC/DC Hi Pot /Resistencia de Aislamiento/Ground Bond
GPT-9903 AC 500VA AC/DC Hi Pot/Resistencia de Aislamiento

GPT-9804 AC 200VA AC/DC Hi Pot/Resistencia de Aislamiento/Ground Bond
GPT-9803 AC 200VA AC/DC Hi Pot/Resistencia de Aislamiento
GPT-9802 AC 200VA AC/DC Hi Pot
GPT-9801 AC 200VA AC Hi Pot

GUÍA DE SELECCIÓN

| MODEL | FUNCTION | AC | DC | IR | GB | SWEEP |
|----------|----------|----|----|----|----|-------|
| GPT-9904 | | ✓ | ✓ | ✓ | ✓ | ✓ |
| GPT-9903 | | ✓ | ✓ | ✓ | | ✓ |
| GPT-9804 | | ✓ | ✓ | ✓ | ✓ | |
| GPT-9803 | | ✓ | ✓ | ✓ | | |
| GPT-9802 | | ✓ | ✓ | | | |
| GPT-9801 | | ✓ | | | | |

APLICACIONES

- Prueba de Seguridad a Productos Electronicos de Manufactura
- Cables de Alimentación
- Electrodomésticos
- Equipo de Tecnología de la Información
- Equipo Medico
- Electrodomésticos y Equipos Similares
- Luminarias
- Equipos de Audio, Video y similares
- Verificación de Aseguramiento de Calidad
- Cumplimiento con Standares de Seguridad
- Pre-calificacion en R&D

ESPECIFICACIONES

| | | Serie GPT-9800 | Serie GPT-9900 |
|----------------------------|--|--|---|
| AC Hi Pot | Output-Voltage Range Output-Voltage Resolution Output-Voltage Accuracy Maximum Rated Load Maximum Rated Current Output-Voltage Waveform Output-Voltage Frequency Voltage Regulation Voltmeter Accuracy Current Measurement Range Current Best Resolution AC Current Measurement Accuracy Window Comparator Method ARC Detect RAMP (Ramp-Up Time) TIMER (Test Time)* Sweep Function* GND | 0.100kV~ 5.000kV ac 2V/step ±(1% of setting + 5V) [no load] 200 VA (5kV/40mA) 40mA (0.5kV< V ≤ 5kV); 10mA (0.1kV≤ V ≤ 0.5kV) Sine wave 50Hz/60Hz selectable ±(1% of rdg + 5V) [full load → no load] ±(1% of rdg + 5V) 0.001mA~40.0mA 0.001mA/0.01mA/0.1mA ±(1.5% of rdg+30counts)when HI SET<1.00mA ±(1.5% of rdg+3counts)when HI SET 1.00mA Yes Yes 0.1s~999.9s OFF, 0.5s~999.9s NOT Support ON/OFF | 0.100kV~ 5.000kV ac 2V/step ±(1% of setting + 5V) [no load] 500 VA (5kV/100mA) 100mA (0.5kV< V ≤ 5kV); 10mA (0.1kV≤ V ≤ 0.5kV) Sine wave 50Hz/60Hz selectable ±(1% of rdg + 5V) [full load → no load] ±(1% of rdg + 5V) 0.001mA~100.0mA 0.001mA/0.01mA/0.1mA ±(1.5% of rdg+30counts)when HI SET<1.11mA ±(1.5% of rdg+3counts)when HI SET 1.11mA Yes Yes 0.1s~999.9s OFF, 0.5s~999.9s Yes ON/OFF |
| DC Hi Pot | Output-Voltage Range Output-Voltage Resolution Output-Voltage Accuracy Maximum Rated Load Maximum Rated Current Voltage Regulation Voltmeter Accuracy Current Measurement Range Current Best Resolution DC Current Measurement Accuracy Window Comparator Method ARC Detect RAMP (Ramp-Up Time) TIMER (Test Time)* Sweep Function* GND | 0.100kV~6.000kV dc 2V/step ±(1% of setting + 5V) [no load] 50W(5kV/10mA) 10mA(0.5kV< V ≤ 6kV); 2mA (0.1kV≤ V ≤ 0.5kV) ±(1% of rdg + 5V)[full load → no load] ±(1% of rdg + 5V) 0.001mA~10.0mA 0.001mA/0.01mA/0.1mA ±(1.5% of rdg+30counts)when HI SET<1.00mA ±(1.5% of rdg+3counts)when HI SET 1.00mA Yes Yes 0.1s~999.9s OFF, 0.5s~999.9s NOT Support ON/OFF | 0.100kV~6.000kV dc 2V/step ±(1% of setting + 5V) [no load] 100W(5kV/20mA) 20mA(0.5kV< V ≤ 6kV); 2mA (0.1kV≤ V ≤ 0.5kV) ±(1% of rdg + 5V)[full load → no load] ±(1% of rdg + 5V) 0.001mA~20.0mA 0.001mA/0.01mA/0.1mA ±(1.5% of rdg+30counts)when HI SET<1.11mA ±(1.5% of rdg+3counts)when HI SET 1.11mA Yes Yes 0.1s~999.9s OFF, 0.5s~999.9s Yes ON/OFF |
| RESISTENCIA DE AISLAMIENTO | Output Voltage Output-Voltage Resolution Output-Voltage Accuracy Resistance Measurement Range | 50V~1000V dc 50V/step ±(1% of setting +5V)[no load] 1MΩ~ 9500MΩ | 50V~1000V dc 50V/step ±(1% of setting +5V)[no load] 0.001GΩ~ 50.00GΩ |
| | Test Voltage | 50V ≤ 450V ≤ 500V ≤ 1000V ≤ | |
| | Window Comparator Method Output Impedance RAMP (Ramp-Up Time) TIMER (Test Time) GND Sweep Function* | Yes 600kΩ 0.1s~999.9s 1s~999.9s OFF (fix) NOT Support | Yes 600kΩ 0.1s~999.9s 1s~999.9s OFF (fix) Yes |
| GROUND BOND | Output-Current Output-Current Resolution Output-Current Accuracy Test-Voltage Test-Voltage Frequency Resistance Measurement Range Resistance Measurement Resolution Resistance Measurement Accuracy Window Comparator Method TIMER (Test Time) Sweep Function* Test Method | 03.00A~30.00A ac 0.01A 3A≤I≤8A : ± (1% of setting +0.2A) 8A<I≤30A : ± (1% of setting +0.05A) 6Vac max (open circuit) 50Hz/60Hz selectable 10mΩ~ 650.0mΩ 0.1mΩ ±(1% of rdg + 2mΩ) Yes 0.5s~999.9s NOT Support Four Terminal | 03.00A~32.00A ac 0.01A 3A≤I≤8A : ± (1% of setting +0.2A) 8A<I≤32A : ± (1% of setting +0.05A) 6Vac max (open circuit) 50Hz/60Hz selectable 10mΩ~650.0mΩ 0.1mΩ ±(1% of rdg + 2mΩ) Yes 0.5s~999.9s Yes Four Terminal |
| MEMORIA | Single Step Memory Automatic Testing Memory | MANU : 100 blocks AUTO : 100 blocks, menu per auto : 16 | MANU : 100 blocks AUTO : 100 blocks, menu per auto : 16 |
| INTERFACE | Rear Output RS-232C USB GPIB Remote Terminal (Front) Signal I/O | NOT Support Standard Standard Option Standard Standard | Standard Standard Standard Option Standard Standard |
| DISPLAY | | 240 x 64 Ice Blue Dot matrix LCD | 240 x 64 Ice Blue Dot matrix LCD |
| FUENTE DE ALIMENTACION | | AC100V/120V/220V/230V ± 10% , 50/60Hz | AC100V/120V/220V/230V ± 10% , 50/60Hz |
| DIMENSIONES & PESO | | 330(W) x 148(H) x 452(D) mm Approx. 19kg max. | 330(W) x 148(H) x 587(D) mm Approx. 27kg max. |

* La función de sweep y temporizador fuera solo se pueden realizar cuando se usa el modo especial MANU. Especificaciones sujetas a cambio sin previo aviso. PT-9000GD2BH

ORDERING INFORMATION

GPT-9904 AC 500VA AC/DC Hi Pot/Resistencia de Aislamiento/Ground Bond Tester
GPT-9903 AC 500VA AC/DC Hi Pot/Resistencia de Aislamiento
GPT-9804 AC 200VA AC/DC Hi Pot/Resistencia de Aislamiento/Ground Bond AC 200VA
GPT-9803 AC/DC Hi Pot/Resistencia de Aislamiento
GPT-9802 AC 200VA AC/DC Hi Pot
GPT-9801 AC 200VA AC Hi Pot

ACCESSORIOS

Guía rápida de inicio x 1, cable de AC x 1, CDx1(manual completo), Interlock Key x 1,
Plug Macho de Terminal Remota x 1, Test lead GHT-114 x 1 for GPT-9903/9803/9802/
Test lead GHT-114 x 1, GTL-115 x 1 for GPT-9904/9804

OPTION

Opt.1 GPIB card

OPTIONAL ASSESSORIES

GHT-113 High Voltage Test Pistol
GHT-205 High Voltage Test Probe
GTL-232 RS-232C Cable, 9-pin Female to 9-pin, null Modem for
GTL-247 Computer USB Cable, A-A type, approx. 1.8m
GTL-248 GPIB Cable, approx. 2m
GTL-251 GPIB-USB-HS (High Speed)
GRA-417 RACK Adapter Panel (19", 4U)

* GRA-417 can not be used with GPT-9904

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