

Extend Your Tests



GPT-9500 Series

Multi-Channel Hipot Tester

- 150VA AC Test Capacity
- 3 in 1 Tester : AC, DC, IR
- Built-in 8 Channel Scanner
- 480 x 272 Color TFT LCD
- Test Parameter Export/Import Through USB Host
- Statistics (counter) Function
- Insulation Resistance Measurement up to 10GΩ
- Open/Short Check (OSC)
- ARC Detection
- Multi-language : Traditional/Simplified Chinese, English
- Interface : RS-232C, USB Host/Device and Signal I/O



SELECTION GUIDE

| FUNCTION MODEL | Channel Status | AC Withstanding | DC Withstanding | Insulation Resistance | Continuity |
|----------------|----------------|-----------------|-----------------|-----------------------|------------|
| GPT-9503 | H or X | ✓ | ✓ | ✓ | ✓ |
| GPT-9513 | H, L or X | ✓ | ✓ | ✓ | ✓ |

X : means "no-used"



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SPECIFICATIONS

| | | |
|--------------------------------|---|---|
| AC WITHSTANDING | Output-Voltage Range Output-Voltage Resolution Output-Voltage Accuracy Maximum Rated Load Maximum Rated Current Output-Voltage Waveform Voltage Regulation Output-Voltage Frequency Voltmeter Accuracy Current Measurement Range Current Best Resolution Current Measurement Accuracy Current Offset ARC Detect RAMP TIME (Rise Time) FALL Time WAIT Time TIMER (Test Time) TIMER Accuracy GND | 0.050kV ~ 5.000kV 1V ±(1% of setting + 5V) [no load] 150 VA (5kV/30mA) 30mA ; 0.001mA ~ 10mA (0.05kV ≤ V ≤ 0.5kV) ; 0.001mA ~ 30mA (0.5kV < V ≤ 5kV) Sine wave ±(1% + 5V) [maximum rated load → no load] 50 Hz / 60 Hz selectable ±(1% of reading + 5V) 0.001mA ~ 30.00mA 1 μA (0.001mA ~ 9.999mA) ; 10 μA (10.00mA ~ 30.00mA) ±(1.5% of reading + 30 μA) 80 μA maximum Yes 0.1s~999.9s OFF~999.9s OFF~999.9s CONT, 0.3s~999.9s ±(100ppm + 20ms) ON/OFF |
| DC WITHSTANDING | Output-Voltage Range Output-Voltage Resolution Output-Voltage Accuracy Maximum Rated Load Maximum Rated Current Voltmeter Accuracy Voltage Regulation Current Measurement Range Current Best Resolution Current Measurement Accuracy Current Offset ARC Detect RAMP TIME (Rise Time) FALL Time WAIT Time TIMER (Test Time) TIMER Accuracy GND | 0.050kV~6.000kV 1V ±(1% of setting + 5V) [no load] 50W (5kV/10mA) 10mA ; 0.001mA ~ 2mA (0.05kV ≤ V ≤ 0.5kV) ; 0.001mA ~ 10mA (0.5kV < V ≤ 6kV) ±(1% of reading + 5V) ±(1% + 5V) [maximum rated load → no load] 0.001mA ~ 10.00mA 0.1 μA (0.1 μA ~ 999.9 μA) ; 1 μA (1 μA ~ 9.999mA) ; 10 μA (10.00mA) ±(1% of reading + 1 μA) when I Reading < 1mA ; ±(1% of reading + 10 μA) when I Reading ≤ 1mA 5 μA maximum Yes 0.1s~999.9s OFF~999.9s OFF~999.9s CONT, 0.3s~999.9s ±(100ppm + 20ms) ON/OFF |
| INSULATION RESISTANCE | Output Voltage Output-Voltage Resolution Output-Voltage Accuracy Resistance Measurement Test Voltage 50V ≤ V < 500V 500V ≤ V ≤ 1000V Voltage Regulation Voltmeter Accuracy Short-Circuit Current Output Impedance RAMP TIME (Rise Time) FALL Time WAIT TIME TIMER (Test Time) TIMER Accuracy GND | 50V~1000V dc 1V ± (1% of setting + 5V) [no load] 0.1MΩ~10GΩ Measurement Range / Accuracy 0.1MΩ~1MΩ : ±(5% of reading + 3 count) ; 1 MΩ~50MΩ : ±(5% of reading + 1 count) ; 51MΩ~2GΩ : ±(10% of reading + 1 count) 0.1MΩ~1MΩ : ±(5% of reading + 3 count) ; 1 MΩ~500MΩ : ±(5% of reading + 1 count) ; 501MΩ~10GΩ : ±(10% of reading + 1 count) ± (1% + 5V) [maximum rated load → no load] ± (1% of reading + 5V) 10mA max. 2kΩ 0.1s~999.9s OFF~999.9s OFF~999.9s 0.3s~999.9s ±(100ppm + 20ms) ON/OFF |
| CONTINUITY TEST | Output-Current Ohmmeter Measurement Accuracy | 100mA dc 1Ω ± 0.2Ω, ON/OFF |
| INTERFACE | Signal I/O RS-232C USB (Device) USB (Host) Rear Output | Standard Standard Standard Standard (for Parameter/LCD Hardcopy) Scanner |
| DISPLAY | | 4, 3" Color LCD |
| POWER SOURCE | | AC 100V~240V ± 10%, 50Hz/60Hz |
| DIMENSIONS & WEIGHT | | 320(W) x 120(H) x 435(D) mm; Approx. 11kg |

* The specifications apply when the GPT-9500 is powered on for at least 30 minutes under +15°C~+35°C.

Specifications subject to change without notice. PT-9500GD1DS

ORDERING INFORMATION

GPT-9513 AC 150VA Multi-Channel Hipot Tester
GPT-9503 AC 150VA Multi-Channel Hipot Tester

ACCESSORIES

Quick Start Guide x 1, CD x 1 (Complete User Manual), Power Cord x 1,
 Test Leads GHT-115 x 1, GHT-116B x 1, GHT-116R x 8

OPTIONAL ASSESSORIES

GTL-236 RS-232C Cable, approx. 2m
GTL-246 USB Cable, A-B type, approx. 1.2m



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