

Patent No : 074646



GPT-705A/715A & GPI-725A/735A

SPECIFICATIONS

AC HI-POT	
Voltage Range	0.100kV ~ 5.000kV
Voltage Resolution-Output	5V/step
Voltage Regulation (Line and Load)	1% + 5 V
Voltage Accuracy	±1% of reading ±10V
Current Sourcing	30 ~ 40mA(above 500V, test time max:180sec) 0.10 ~ 29.99mA(above 500V,continuous test) 0.10 ~ 10mA(below 500V, continuous test)
Current Limit	0.10 ~ 40mA, 0.02mA/step
Current Accuracy	±1% of reading ± 80μ A
DC HI-POT (GPT-715A/GPI-735A ONLY)	
Voltage Range	0.100kV ~ 6.000kV
Voltage Resolution-Output	5V/step
Voltage Regulation (Line and Load)	1% + 5 V
Voltage Accuracy	±1% of reading ± 10V
Current Sourcing	0.10 ~ 10.00mA(above 500V,continuous test) 0.10 ~ 2mA(below 500V,continuous test)
Current Limit	0.10 ~ 10mA, 0.01mA/step
Current Accuracy	±1% of reading ± 50μ A
INSULATION RESISTANCE (GPI-725A/735A ONLY)	
DC Voltage	50V/100V/500V/1000V
Resistance Accuracy (50V/100V)	1~50MΩ : ±5% of reading ±1count 51~200MΩ : ±10% of reading ±1count 201~1990MΩ : ± 20% of reading ±1count
Resistance Accuracy (500V/1000V)	1~500MΩ : ±5% of reading ±1count 501~2000MΩ : ± 10% of reading ±1count 2001~9990MΩ : ±20% of reading ±1count
CONTINUITY CHECK	
Output Current Range	0.1A
Compliance Voltage Range	10%
Current Resolution	0.1Ω @ 1Ω
ARC DETECT	
Detect Current	40 level (1 ~ 40mA)
MEMORY	
Groups	10
Steps Per Group	16

FEATURES

- * 200VA AC Test Capacity
- * AC/DC Withstanding Voltage Test & Insulation Resistance Test
- * True RMS Cut-Off Current Measurement
- * Arc Detection
- * Zero Crossing Turn-On Operation Switch
- * Linear Amplifier with Feedback Control to Provider High Regulated Voltage Output
- * Controllable Ramp-Up Time
- * Output Voltage and Current Limit Could be set Without HV Output
- * Output Voltage Adjustable During Test Period
- * 9 pins Remote Control for START, RESET, and Test Result Output
- * Automatic FAIL Indicator of Alarm Lamp and Buzzer
- * Scanner Box for Automatic Test (Option)

INTERFACE

Remote I/O	Standard
RS-232C	Standard
Scan	Standard
GPIO	Option
Real Panel Output	Option
Scanner Box	Option(HSB-001-1: 8ch HV + 8ch GB HSB-001-2: 16 ch HV)

POWER SOURCE

AC100V/120V/220V/230V ± 10% , 50/60Hz

ACCESSORIES

Instruction manual x 1 ,Power cord x 1, GHT-105A x 1

DIMENSIONS & WEIGHT

330(W) x 149(H) x 446(D) mm, Approx. 14kg

ORDERING INFORMATION

GPI-745A	AC 200VA AC/DC Withstand Voltage / Insulation / Ground Bound Electrical Safety Tester
GPI-735A	AC 200VA AC/DC Withstand Voltage / Insulation Electrical Safety Tester
GPI-725A	AC 200VA AC Withstand Voltage / Insulation Electrical Safety Tester
GPT-715A	AC 200VA AC/DC Withstand Voltage Electrical Safety Tester
GPT-705A	AC 200VA AC Withstand Voltage Electrical Safety Tester
Option	
Opt.01	GPIO Interface
Opt.02	GHT-107A Clip high voltage probe
Opt.03	RGA-402 Rack Mounting (19", 4U)
Opt.04	HSB-001-1 Scanner Box, 8ch HV, and 8ch GB
Opt.05	HSB-001-2 Scanner Box, 16ch HV
Opt.06	Real Panel Output (Factory Installed)

AC/DC/IR Electrical Safety Tester



GPI-735A

SELECTION GUIDE

MODEL	FUNCTION	AC	DC	IR	GB
GPT-705A		✓			
GPT-715A		✓	✓		
GPI-725A		✓		✓	
GPI-735A		✓	✓	✓	
GPI-745A		✓	✓	✓	✓

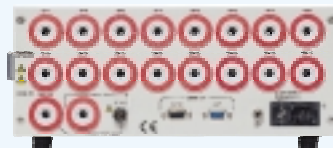
SCANNER BOX

HSB-001-1
8ch HV + 8ch GB
For:
GPT/GPI-700A Series



HSB-001-2
16ch HV
For:
GPT/GPI-700A Series

Can be installed into rack by
adding two option handles.



(Rear Panel)



(Front Panel)