

Hi-Pot Testers

GW INSTEK



GPI / T-700 Series



- Programmable Safety Tester.
- AC / DC Hi-Pot, Insulation Resistance, Arc Detect, Continuity, Ground Bond.

		GPI-745A	GPI-735A	GPI-725A	GPT-715A	GPT-705A
AC Hi-Pot	Voltage Range Voltage Resolution-Output Voltage Regulation (Line & Load) Voltage Accuracy Current Sourcing Current Limit Current Accuracy	0.100 ~ 5,000kV 5V 1% ± 5V ±1% of Reading ±10V 30 ~ 40mA (above 500V, Test Time Max: 180 Sec) 0.10 ~ 29.99mA (above 500V, Continuous Test) 0.10 ~ 10ma (Below 500V, Continuous Test) 0.10 ~ 40mA, 0.02mA / Step 1% of Reading ± 80µA				
DC Hi-Pot (Not 725 & 705)	Voltage Range Voltage Resolution Voltage Regulation (Line & Load) Voltage Accuracy Current Sourcing Current Limit Current Accuracy	0.100kV ~ 6,000kV 5V 1% + 5V ±1% of Reading ±10V 0.10 ~ 10.00mA (Above 500V Continuous Test) 0.10 ~ 2mA (Below 500V Continuous Test) 0.10 ~ 10mA, 0.01mA/Step 1% of Reading ± 50µA				
Insulation Resistance (Not 705 & 715)	DC Voltage Resistance Accuracy (50/100V) Resistance Accuracy (500/1000V)	50V / 100V / 500V / 1000V 1 ~ 50MΩ : ±5% of Reading ±1 Count 51 ~ 200MΩ : ±10% of Reading ±1 Count 201M ~ 1990MΩ : ±20% of Reading ±1 Count 1 ~ 500MΩ : ±5% of Reading ±1 Count 501 ~ 2000MΩ : ±10% of Reading ±1 Count 2001M ~ 9900MΩ : ±20% of Reading ±1 Count				
Ground Bond (745 Only)	Voltage Range Current Range Current Resolution Current Accuracy Ground Bond Resistance Test Resistance Resolution Resistance Accuracy Test Method	Max. 8V (DC) 3 ~ 42A 0.02A ±1% of Reading ±0.2A (3A ~ 8A) ±1% of Reading ±50mA (9A ~ 42A) 0 ~ 620mΩ 0 ~ 600mΩ (100µΩ) ±1% of Reading ± 3mΩ Four Terminals Mode				

		GPI-745A	GPI-735A	GPI-725A	GPI-715A	GPI-705A
Continuity Check (Not 745)	Output Current Range Compliance Voltage Range Current Resolution	N/A	0.1A 10% 0.1Ω @ 1Ω			
Arc Detect	Detect Current	40 Levels (1 ~ 40mA)				
Memory	Groups Steps Per Group	10 16				
Interface	Remote I/O RS-232C Scan Rear Panel Output GPIB	Standard Standard Standard Standard Option	Standard Standard Standard Option Option			
	Scanner Box	HSB-001-1: 8CH HV + 8CH GB - For 745 Model Only HSB-001-2 : 16CH HV - Suitable for all Models				
General	Power Source Accessories Dimensions	AC100V, 120V, 220V, 230V ± 10%, 50/60Hz Instruction Manual x 1, Power Cord x 1 GPI-745A: GHT-105A x 1, GHT-107A x 1, GTL-115 x 1 All Other Models: GHT-105A x 1 330mm (W) x 149mm (H) x 446mm (D)				
	Weight	15kg	14kg			

ORDERING INFORMATION			
GPI-745A	200VA, AC/DC Withstand Voltage, Insulation Resistance, Ground Bond, Electrical Safety Tester		
GPI-735A	200VA, AC/DC Withstand Voltage, Insulation Resistance, Electrical Safety Tester		
GPI-725A	200VA, AC Withstand Voltage, Insulation Resistance, Electrical Safety Tester		
GPI-715A	200VA, AC/DC Withstand Voltage, Electrical Safety Tester		
GPI-705A	200VA, AC Withstand Voltage, Electrical Safety Tester		
Option 01	GPIB Interface	GHT-107A	Clip High Voltage Probe
GRA-402	Rack Mount Adaptor	HSB-001-1	Scanner Box, 8ch HV & 8ch GB
HSB-001-2	Scanner Box, 16ch HV	Option 06	Rear Panel Output (Factory Installed)
			
HSB-001-1 (Top Picture: Front, Bottom Picture: Rear)		HSB-001-2 (Top Picture: Front, Bottom Picture: Rear)	