



PTS-100(F)



PTS-100(F) Combination 2 In 1 Dc Test Set Insulation Resistance (Megohmmeter) And Dielectric Strength (Hipot) 0 – 100 kV @ 10 mA

SKU:

Product Categories: High Voltage Test Equipment, HV Insulation Test Sets by High Voltage Inc

Product Tags: DC Test Set Insulation Resistance (Megohmmeter), Dielectric Strength (Hipot)

Additional Information:

Input:	120V, 60Hz, 10A or 230V, 50/60Hz, 5A
Output:	0 – 100kVdc, 10mA, negative polarity, positive ground
Duty:	Continuous
Metering - Voltage measurement:	3.5", scaled 0-50/100kVdc, $\pm 2\%$ FS accuracy
Metering - Currentmeter:	3.5", scaled 0-1.0 μ Adc, $\pm 2\%$ FS with multipliers x1, x10, x100, x1k, x10k
Metering - Guard/ground load return:	Yes
Metering - Megohmmeter:	Scaled 100 -1M Ω with multipliers of x0.1, x1, x10, x100, x1k
Controls - Voltage output:	Continuously adjustable up to max. voltage
Safety - Interlocks:	Zero start and external interface
Safety - Protection:	Surge and transient
Cable Length - Output cable:	6m shielded with alligator clamp
Cable Length - Ground lead:	6m with alligator clamp



Cable Lengths - Return lead:	6m with alligator clamp
Cable Length - Input line cord:	3m
Cable Length - Ground stick:	6m lead and clamp included
Size & Weight - Controls:	356mm w x 279mm d x 356mm h, 14g
Size & Weight - HV Tank:	241mm w x 298mm d x 368mm h, 31Kg

Short Description

The High Voltage, Inc. PTS-100(F) 0 -100kVdc @ 10mA high voltage test set has been designed as a two-piece system to aid portability. Like all the HV Inc DC Hipots this unit comes complete with all required cables and accessories. An optional 15 metre output cable is available for insulated aerial platform testing.

Description



The HVI Combination 2 in 1 DC Tester Series are high voltage DC proof testers and HV Megohmmeters. Testing for dielectric strength and insulation resistance is now served with one instrument, saving money, size and weight. The PTS series is designed and constructed with field use in mind. It is rugged, reliable and contains the features needed for electrical maintenance testing of new or installed electrical apparatus.

- Two range voltmeter and five range current meter
- MΩ readings at any output voltage (w/ analogue meters)
- Insulated return guard circuit to bypass stray leakage currents
- Rugged case (field) with cushion grip handles and storage for leads
- Internal discharge resistors to assist external bleed resistors
- External safety interlock provision
- Automatic transit protected meters rated 100 uA for durability
- Benchtop or field controller available, analogue or digital metering

Input:	120V, 60Hz, 10A or 230V, 50/60Hz, 5A
Output:	0 – 100kVdc, 10mA, negative polarity, positive ground
Duty:	Continuous
Voltmeter:	3.5", scaled 0-50/100kVdc, ±2% FS accuracy
Currentmeter:	3.5", scaled 0-1.0μAdc, ±2% FS with multipliers x1, x10, x100, x1k, x10k
Guard/ground load return:	Yes
Megohmmeter:	Scaled 100 -1MΩ with multipliers of x0.1, x1, x10, x100, x1k
Controls	
Voltage output:	Continuously adjustable up to max. voltage



Safety

Interlocks: Zero start and external interface

Protection: Surge and transient

Cable Length

Output cable: 6m shielded with alligator clamp

Ground lead: 6m with alligator clamp

Return lead: 6m with alligator clamp

Input line cord: 3m

Ground stick: 6m lead and clamp included

Size & Weight

Controls: 356mm w x 279mm d x 356mm h, 14kg

HV Tank: 241mm w x 298mm d x 368mm h, 31kg