



PFT-103CM(F)



PFT-103CM(F) PORTABLE AC TEST SET DIELECTRIC STRENGTH HIPOT 0 – 10 kV @ 3 kVA

SKU:

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

Product Tags: Portable Ac Test Set Dielectric Strength Hipot

Additional Information:

Input:	120V, 60Hz, 15A or 230V, 50/60Hz, 8A
Output:	0 – 10kVac, 300mA, 1kVA resistive load, 3kVA capacitive load
Duty:	Continuous
Metering - Voltage measurement:	3.5", scaled 0-5/10kVac, $\pm 2\%$ FS accuracy
Metering - Currentmeter:	3.5", scaled 0-3mAac, $\pm 2\%$ FS with multipliers x1, x10, x100
Metering - Guard/ground load return:	1mA at full current in ground mode
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 and hook
Size & Weight - Controls:	533mm w x 286mm d x 387mm h, 28Kg
Size & Weight - HV Tank:	Included in controls case

Short Description



The PFT-103CM(F) AC hipot test set provides continuously adjustable output voltages for overvoltage withstand testing of switchgear, circuit breakers, reclosers, vacuum bottles, hot sticks, motor windings and other high voltage insulation requiring AC testing.

Description



The PFT AC Dielectric Test Set Series are AC portable field use hipots. These hipots provide continuously adjustable AC voltage typically used to provide a pass/fail, AC over-voltage withstand test on high voltage apparatus, like switchgear, circuit breakers, reclosers, vacuum bottles, hot sticks, motor windings, bus duct, and any other equipment needing an AC voltage proof test. The PFT Series offers the most field portable, affordable, and easiest to use AC testers at this voltage and power. Higher kVA AC test sets and others designed for motor & generator testing are also available.

- Continuously adjustable output voltage
- Fixed overload, factory set to 120% of rated output current
- Zero start and external interlock provision
- Secondary connected dual-range voltmeter
- Three-range current meter with isolated guard/ground return circuit
- Capacitive load compensation
- Shielded output cable
- One-piece portable design
- Automatic transit protected meters
- Rugged case with cushion grips
- Simple controls

Input:	120V, 60Hz, 15A or 230V, 50/60Hz, 8A
Output:	0 – 10kVac, 300mA, 1kVA resistive load, 3kVA capacitive load
Duty:	Continuous
Voltmeter:	3.5", scaled 0-5/10kVac, $\pm 2\%$ FS accuracy
Currentmeter:	3.5", scaled 0-3mAac, $\pm 2\%$ FS with multipliers x1, x10, x100
Guard/ground load return:	1mA at full current in ground mode
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 and hook

Size & Weight

Controls:

533mm w x 286mm d x 387mm h, 28kg

HV Tank:

Included in controls case