



PFT Series - AC High Voltage Dielectric Test Set

0 – 30 kV AC Power Frequency AC Hipot

PFT-301CM / PFT-301CMF

0 - 30 kV AC, up to 1kVA

The **PFT-301CM** and **PFT-301CMF** are from our popular PFT Series of field portable AC hipot test sets. These hipots provide continuously adjustable AC voltage used for a pass/fail, AC over-voltage withstand test on vacuum bottles. The PFT Series offers the most field portable, affordable, and easiest to operate AC hipots at this voltage and power. For bench-top requirements see the **ABT Series**. Testing loads that require higher power, see our **ALT, FPA, HPA and PAR** lines of AC dielectric test sets.

- Convenient one-piece field portable design
- Primary connected single range Voltmeter: 0 - 30 kV AC
- Single Range Current Meter: 0 – 40 mA AC
- Fixed overload set to 120% of variable transformer rated output current
- Transit protected meters prevent meter damage between test sites
- 20 ft shielded output and return cables
- Zero Start and External safety Interlock provisions

Model	PFT-301CM / PFT-301CMF
Input	(PFT-301CM) 120 V, 60 Hz, 10 A (PFT-301CMF) 230 V, 50/60 Hz, 5 A
Output	0-30 kV AC, 1 kVA resistive load 1 kVA capacitive load, 33 mA current
Duty	1 kVA: 1 hour on, 1 hour off 700 VA: Continuous
Voltmeter	3.5", scaled 0-30 kV AC, ±2% F.S.
Current Meter	3.5", scaled 0-40 mA, ±2% F.S.
Meter Accuracy	2%
Distortion	Less than 5%
Size & Weight (W x D x H)	17 x 11.5 x 14 in., 45 lb. 431 x 292 x 365 mm, 20 kg
Output Termination	20ft (6m) shielded silicone output cable with alligator clamp
Scope Of Supply	20ft black ground lead, external interlock plug, operations manual, calibration certificate

PFT Series: Other models are available from 10 kVac – 100 kVac, 1 kVA – 3

Optional Accessories

Hand & Foot Safety Switches



PN 90-410



PN 90-405

Safety Ground Sticks



PN 88-150



PN 88-113

Optional Upgrades

Digital Metering – Add Suffix “D”

