



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	8 ft. (2.5 m) shielded EPR 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 kVA

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”

