



PFT Series - AC High Voltage Dielectric Test Set

0 – 30 kV AC Power Frequency AC Hipot

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 high voltage apparatus, like switchgear, circuit breakers, reclosers, vacuum bottles, hot sticks, bus duct, and any other apparatus needing an AC test voltage. The PFT Series offers the most field portable, affordable, and easiest to operate AC hipots at this voltage and power. Equipped with a two-range voltmeter, three-range current meter and guard circuit for precise leakage current measurements. 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
- Secondary 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, $\pm 2\%$ F.S.
Current Meter	3.5", scaled 0-40 mA, $\pm 2\%$ 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"

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PFT-301CM PFT-301CMF

0 - 30 kV AC, up to 1 kVA



AMERICAN
MADE
IN THE USA



ISO 9001:2015 Certified