



PFT Series - AC High Voltage Dielectric Test Set

0 - 40 kV AC Power Frequency AC Hipot

PFT - 401CEF

0 - 40 kV AC @ 25 mA AC, 1.0 kVA

The PFT-401CEF is a CE Marked AC Dielectric Test Set, one of many in the PFT Series of field portable AC hipot test sets. These hipots provide continuously adjustable AC voltage typically used to provide a go/no-go, or 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 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. Please see our higher voltage and kVA rated **HPA** and **PAR** lines for component testing and larger loads such as **motors, generators, and substation apparatus**. These other lines offer corona free output for **Partial Discharge** and **Tan Delta** testing. Some are CE Certified like this model.

- Split case design: Single piece for storage, separates for safe operation
- Digital Volt & Current meters, memory voltmeter displays fault voltage
- Guard/Ground circuit for accurate leakage current measurement
- Adjustable overload circuit from 10-110% of rated output current
- Primary current overload w/backup breaker protection
- Zero Start and External safety Interlock provisions
- Keyed Main Power switch

Model	PFT - 401CEF
Input	230Vac, 50/60Hz, 6A
Output	0-40kV AC, 1kVA resistive load (25mA Max) 1kVA capacitive load (25mA max)
Duty	1kVA: 1 hour ON, 1 hour OFF 0.8kVA: continuous
Distortion	Less than 5%
Meter Accuracy	1%
Voltmeter	3.5" digital LED, scaled 0-40kV AC (RMS)
Current Meter	3.5 digit LED, scaled 0-25ma AC (RMS)
Size & Weight (W x D x H)	14.5 x 12.5 x 23.5 in., 70 lb 368 x 318 x 597 mm, 32 kg HV Section: 35lb (16kg) Control Section: 35lb (16kb)
Output Termination	Top mounted 1.5 in aluminum ball
Scope Of Supply	(2) 20ft green/yellow ground leads, 20ft shielded return cable, 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

