



0 – 40 kV AC Power Frequency AC Hipot

## PFT Series - AC High Voltage Dielectric Test Set

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

<b>Model</b>	<b>PFT - 401CEF</b>
<b>Input</b>	230Vac, 50/60Hz, 6A
<b>Output</b>	0-40kV AC, 1kVA resistive load (25mA Max) 1kVA capacitive load (25mA max)
<b>Duty</b>	1kVA: 1 hour ON, 1 hour OFF 0.8kVA: continuous
<b>Distortion</b>	Less than 5%
<b>Meter Accuracy</b>	1%
<b>Voltmeter</b>	3.5" digital LED, scaled 0-40kV AC (RMS)
<b>Current Meter</b>	3.5 digit LED, scaled 0-25ma AC (RMS)
<b>Size &amp; Weight (W x D x H)</b>	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)
<b>Output Termination</b>	Top mounted 1.5 in aluminum ball
<b>Scope Of Supply</b>	(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

# PFT - 401CEF

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



One Piece Case for portability



Split Case for Easy Set-Up