



## PFT Series - AC High Voltage Dielectric Test Set

0 – 30 kV AC Power Frequency AC Hipot

## PFT-302CE

0 - 30 kV AC up to 2 kVA

The **PFT-302CE** is a **CE Marked** AC hipot test set from our popular PFT Series. 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. The PFT-302CE is equipped with high end features such as digital meters, an adjustable overload, keyed main power switch, 20ft shielded output cable and a guard circuit for precise leakage current measurement. 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
- Digital voltmeter and current meter
- CE Marked
- Adjustable overload, 10 - 110% of rated output current
- Keyed main power switch
- Guard/Ground circuit for accurate leakage current measurement
- 20 ft x-ray shielded output cable and shielded return cable
- Zero Start and External safety Interlock provisions

<b>Model</b>	<b>PFT - 302CE</b>
<b>Input</b>	230 V, 50/60 Hz, 15 A
<b>Output</b>	0-30 kV AC, 2 kVA resistive load 2 kVA capacitive load, up to 67 mA current
<b>Duty</b>	2kVA: 1 hour ON, 1 hour OFF 1kVA: continuous
<b>Distortion</b>	Less than 5%
<b>Meter Accuracy</b>	1%
<b>Voltmeter</b>	3.5 digit LED, scaled 0-30 kV AC, $\pm 1\%$ F.S.
<b>Current Meter</b>	3.5 digit LED, scaled 0-67 mA AC, $\pm 1\%$ F.S.
<b>Size &amp; Weight (W x D x H)</b>	23 x 11.5 x 15.5 in., 77 lb 584 x 292 x 394 mm, 35 kg
<b>Output Termination</b>	20 ft. (6 m) output cable with alligator clamp
<b>Scope Of Supply</b>	20ft green/yellow ground lead, 20ft shielded return cable, external interlock plug, main power key, 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

