



# PFT Series - AC High Voltage Dielectric Test Set

0 – 30 kV AC Power Frequency AC Hipot

# PFT - 302CE

0 - 30 kV AC @ 66 mA AC, 2 kVA

The **PFT-4302CE** 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.

- 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 - 302CE
Input	230Vac, 50/60Hz, 15A
Output	0-30kV AC, 2kVA resistive load (66mA Max) 2kVA capacitive load (66mA max)
Duty	2kVA: 1 hour ON, 1 hour OFF 1kVA: continuous
Distortion	Less than 5%
Meter Accuracy	1%
Voltmeter	3.5" digit LED, scaled 0-50kV AC (RMS)
Current Meter	3.5 digit LED, scaled 0-66ma AC (RMS)
Size & Weight (W x D x H)	23 x 11.5 x 15.5 in., 77 lb 584 x 292 x 394 mm, 35 kg
Output Termination	20ft. shielded cable
Scope Of Supply	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

