

## PFT Series - AC High Voltage Test Set

**Model PFT-652CM(F) 0-65 kVac @ 2 kVA**



### Description

The **PFT-652CM(F) AC Dielectric Test Set** is one of many in the **PFT Series** line of AC portable field use hipots. 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, reclosures, vacuum bottles, hot sticks, motor windings, 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. Higher kVA AC test sets and others designed for **motor & generator testing** are also available. These other lines offer corona free output for **Partial Discharge** and **Tan Delta** testing. Some are **CE Certified** like this model.



### Features

Like all High Voltage, Inc. products, the PFT-652CM(F) is designed with the latest in high voltage technology and offers more features and higher quality and reliability than others:

- CE Marked. Designed specifically to meet CE directives
- Simple, manual controls for familiarity and ease in operation
- Rugged case with cushioned handles and storage for leads
- Insulated Return Guard/Ground circuit to bypass stray currents
- Zero Start and External Interlock provision
- Two range voltmeter and three range current meter
- Automatic transit protected meters rated 100 uA for durability

### Specifications

Model	PFT-652CM(F) (F suffix for 230 V input)
Input	120 V, 50/60 Hz, 16 amps or 230 V, 50/60 Hz, 8 amps
Output	0 - 65 kVac @ 30 mAac
Output Termination	Top mounted aluminum spinning
Duty	2 kVA 1 hour ON/1 hour OFF, 1.5 kVA Continuous
Distortion	< 5%
Kilovolt Meter - 3.5"	0 - 32.5/65 kVac rms, +/- 2% FS Accuracy
Current Meter - 3.5"	0 - 1.0 mA with /x1, x10, x100 multipliers, +/- 2%
Control Case	17.5" w x 11" d x 11" h (44 x 28 x 28 cm)
HV Tank	12" w x 13" d x 13.5" h (31 x 33 x 35 cm)
Weight	Controls 32 lbs. (15 kg) - <b>120 V</b> , 47 lbs. (21 kg) - <b>230 V</b>
	HV Tank 50 lbs. (23 kg) <i>Strap handle on top for carrying</i>
Output Leads	2- Black Test Leads for Grounding
	1- Red Test Lead for HV Output **
	1- RG/58U Coax for Guarded Return
	1- Interconnect Cable from Controls to HV Tank



### Other HVI Products include

Higher Power AC Test Sets  
 DC Hipot/Megohmmeters  
 Very Low Frequency (VLF) Hipots  
 Tan Delta & Partial Discharge for VLF  
 Oil Dielectric Testers      Aerial Lift Testers  
 Cable Fault Locators      AC/DC Dividers