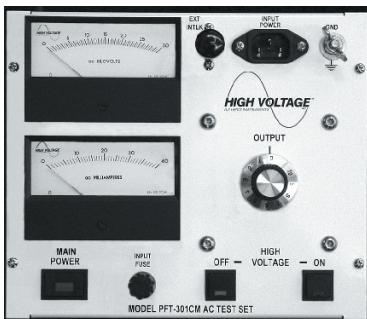


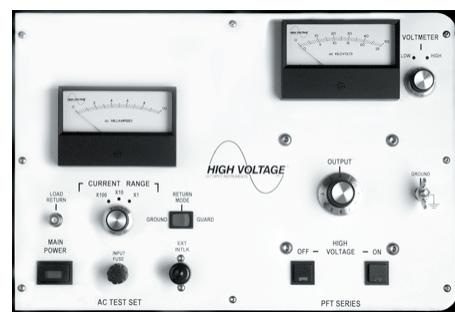
Portable AC Hipot Test Sets

	PFT Model Specifications								
	PFT-301CM	PFT-103CM	PFT-303CM	PFT-503CM	PFT-1003CM				
Input	120V, 60 Hz, 10A or 230V, 50/60 Hz, 5A	120 V, 60 Hz, 15A, or 230 V, 50/60 Hz, 8A							
HV Output	0-30 kVac, 1kVA resistive load 33 mA current	0-10 kVac, 1kVA resistive load 3 kVA capacitive load 300 mA current	0-30 kVac, 1kVA resistive load 3 kVA capacitive load 100 mA current	0-50 kVac, 1kVA resistive load 3 kVA capacitive load 60 mA current	0-100 kVac, 1 kVA resistive load 3 kVA capacitive load 30 mA current				
Output Termination	20 ft. (6m) long shielded output cable with alligator clamp and hook for test connections				Top Toroid (No output cable)				
Duty	1kVA, 1 hour ON, 1 hour OFF 700VA: continuous	3kVA: 1 hour ON, 1 hour OFF 1kVA: continuous							
Distortion	<5%								
Meter Accuracy	2% F.S.								
Kilovolt Meter	3.5 inch Scaled 0-30 kVac	3.5 inch Scaled 0-5/10 kVac	3.5 inch Scaled 0-12/30 kVac	3.5 inch Scaled 0-25/50 kVac	3.5 inch Scaled 0-50/100 kVac				
Current Meter	3.5 inch Scaled 0-40 mAac	3.5 inch Scaled 0-3.0 mAac with x1, x10 x100 Range Multiplier	3.5 inch Scaled 0-1.0 mAac, with x1, x10, x100 Range Multiplier						
Control Dimensions	10.25" w x 12.25" d x 14" h 260 mm w x 311 mm d x 365 mm h	21" w x 11.25" d x 15.25" h 533 mm w x 286 mm d x 387 mm h							
H.V. Tank Dimensions	High Voltage Tank included in controls				13" w x 13" d x 22" h 330 mm w x 330 mm d x 559 mm h				
Weight	45 lbs. (20kg)	62 lbs. (28kg)	75 lbs. (34kg)	75 lbs. (34kg)	Control-35 lbs. (16kg) HV Tank-85 lbs. (39kg)				

Note: For 230 volt line input, an F is suffixed to the model number.



PFT-301CM Control Layout



PFT-503CM Control Layout

Advantages

Models below 100 kVac are single piece units with a shielded cable output for fast and easy test setup. The PFT-103CM, PFT-303CM, PFT-503CM, and PFT-1003CM are compensated enabling testing of 3 kVA loads with a power draw of 1.5 kVA and operate from a conventional electrical source*. In addition, these units include a dual range kilovolt meter, triple range output current meter and a guard/ground return mode enabling the operator to measure the total current to ground or only the current flowing through the sample under test.

*3 kVA output power is only available with a capacitive load sized to draw 3 kVA at full rated output. Available output current decreases with other loads.



High Voltage, Inc. designs and manufactures high voltage test equipment for utility and industrial applications. Also available are Very Low Frequency (VLF) high voltage AC test sets, DC power packs, AC and DC instrumented test sets, cable fault locators and other products.