



**HVI - The World's Source for
High Voltage Test Equipment**

Advanced test equipment for high voltage proof and preventive maintenance testing of electrical apparatus hvinc.com

PFT SERIES of PORTABLE AC HIPOTS

ENGINEERED ADVANTAGES from HVI

HVI offers standard AC hipots rated from 10 kVac - 100 kVac @ 1 kVA - 3 kVA. Larger sizes are available from other product lines. Our AC Hipots offer several significant advantages over others. **One notable advantage is power.** When AC testing, high capacitive leakage currents are drawn. **Don't buy an AC hipot rated only 10 - 20 mA that can only test very light loads. Look for >50 mAac.**

HVI ADVANTAGES: The top seller among the AC hipots is the PFT-503CM. It is rated 0 - 50 kVac @ 3kVA. It is the **only single piece, cable output unit in the world rated for 50 kVac @ 3 kVA.** Competitors offer two-piece designs, with the combined size and weight of their controller and separate high voltage section nearly twice the PFT-503CM. Our AC hipots are equipped with a **triple range current meter with a Guard/Ground circuit** and most models contain a fixed internal inductance to cancel half the capacitive reactance of the load, permitting some models to test up to 3 kVA of capacitive load but only pull 1.2 kVA of input power. The 30 kVac models, PFT-301CM and PFT-303CM, are also **one-piece designs with cable outputs**, while competition offers two piece designs that are far heavier and larger. The PFT-1003CM, 0 - 100 kVac @ 3 kVA, offers its own benefits over competition. **All models use glass front meters, not plastic, eliminating static build-up, and are housed in rugged field cases. You will not find a more economical, durable, reliable, and easily serviced AC hipot anywhere. Models CE marked and low PD available.**



PFT-401CM
0-40 kVac @ 1 kVA
CE & Low PD

APPLICATION NOTE: Vacuum Bottle testing should be performed with AC voltage. It is best done with the PFT-503CM. It's one-piece, cable output design is a favorite among all users. **Some competitors** offer a +/-30 kVac bottle tester. While suitable for bottle testing, it is not suited for testing much else, **since its output is not referenced to ground**, unlike the 0 - 50 kVac design from HVI, that can be used to test almost anything. **Some competitors** offer DC bottle testers with several fixed voltage outputs and a green/red pass/fail indicator. While these products do work to test bottles (although most bottle manufacturers do not favor DC) they are **only suitable for bottle testing, nothing else. Why buy a single purpose tester?** An AC hipot from High Voltage, Inc. can be used for AC high voltage testing many types of substation apparatus, linemen's tools, aerial lifts, etc. **Use a full range, full featured, high power hipot.**



0 - 30 kVac @ 1 kVA



0 - 50 kVac @ 3 kVA
One piece - cable output



0 - 65 kVac @ 2 kVA



0 - 100 kVac @ 3 kVA

