

## Benchtop AC Hipot Testers - ABT Series

The **ABT Series of AC hipots** are ideal for testing many types of medium voltage electrical components and apparatus requiring an **AC Withstand** test. They are packaged in bench top cabinets for the industrial and commercial markets. HVI does produce many field portable AC hipots, like its **PFT Series**, for testing most types of electrical apparatus, like substation equipment such as vacuum bottles, switchgear bus, rubber goods, insulators, etc.

Standard models are available from **10 kVac - 50 kVac** and rated **1 kVA - 3 kVA**. They are all single piece designs with the high voltage section inside the cabinet. Higher voltage models are available that are two pieces: controller and HV tank. Various control packages are available, from simple manual controls to fully programmable to computer interfaced controls. Some models are **corona free** for performing **partial discharge** testing. They are built to be durable and reliable with enhanced design features not found elsewhere.

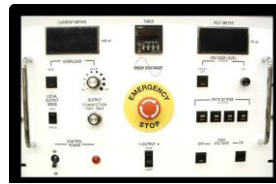
### Various Models



Simple Controls



With Digital Meters



Many Automated Features



PLC Controlled

### Models and Specifications

**ABT-103CM (F)**  
10 kVac @ 3 kVA

**ABT-303CM (F)**  
30 kVac @ 3 kVA

**ABT-301CM (F)**  
30 kVac @ 1 kVA

**ABT-503CM (F)**  
50 kVac @ 3 kVA

### Control Options

Refer to the ABT Series brochure or consult the factory for additional information.

### For higher power AC testing:

**HPA Series** rated from **3 kVA - 40 kVA**

**FPA Series** of Field Portable AC testers up to **20 kV**

**ALT Series** **ALT-120/60**, 120/60 kVac @ **7 kVA**

### Product Brochures

**ABT Series**

### Technical Notes

**Is Your AC Hipot Powerful Enough?**

### Design Notes

**Load Burn Circuit**

**Secondary Capacitive**

**Current Cancellation**

**PFT Series AC Hipot**

Model PFT-503CM

0 – 50 kVac @ 3 kVA

One piece & cable output

