

AT Series

AC or DC Hipot Insulation Testers

■ The AT Series AC and DC Hipots are durable instruments designed to perform dielectric withstand (hipot) tests on all types of electrical products, systems and components. These hipot testers are designed to meet most UL and CSA specifications on dielectric strength test in the electrical appliance industry.



*Model HA3AT and
HA3AT-CT Hipot Testers*

Features

- ☑ **Audible/Visual Alarms**
- ☑ **Output Connected Voltmeter**
- ☑ **Over Current Protection**
 - Protects EUT by shutting off high voltage
 - Fully adjustable current limit
- ☑ **Recessed, Locking High Voltage Connection**
- ☑ **Voltage Set Point** available on some models
- ☑ **Timer**
 - Adjustable from 0.5 – 5 seconds

Benefits

Meets Industry Specifications - Tests to most UL, CSA, VDE, IEC, MIL, BSI and other industry standards for dielectric withstand testing

Rugged Design – This design ensures reliability and longer life under repeated use

NIST traceable – significant cost savings on outside calibrations

Applications

AT Series AC or DC Hipot Testers are ideal for testing:

- ➔ Medical Devices
- ➔ Computer Equipment
- ➔ Lighting fixtures
- ➔ Telecommunications equipment
- ➔ Industrial control equipment
- ➔ Automotive system components
- ➔ And many more...

Technical Specifications

Model	HA3AT	HA3AT-CT	HDB4AT-CT
Input Voltage	Model number with suffix - A		120V / 60Hz
	Model number with suffix - B		220V / 50Hz
Output Voltage (kV ac)	0 - 3	0 - 3	0 - 4
Voltmeter Range (kV ac)	0 - 3.0	0 - 3.0	0 - 4.0
Metering	4 - 1/2" meter, $\pm 2\%$ Full scale accuracy		
Overload Sensitivity	Adjustable from 500 uA to 5 mA		
Terminations	High Voltage Lead: 5 ft(1.5m) shielded cable (RG58U) with an alligator clip		
	Ground Lead: 5 ft(1.5m) long rubber insulated test lead with alligator clip		
Dimensions	12-1/2"W x 8-1/2"D x 8-1/2"H (31.8 x 21.6 x 21.6 cm)		
Weight	Net	20 lb (9kg)	23 lb (910kg)
	Ship	27 lb (12kg)	30 lb (14kg)

Ordering Information

System

* Designate input voltage. 'A' for 120Vin or 'B' for 220Vin.

Accessories

- FIXED TEST PROBE – Allows easy application of the high voltage to the object under test. Catalog NU. HTP-f
- SAFETY TEST CAGE- The interlocked test cage door shuts off high voltage if the door opens. Catalog No. TC-25
- SPARE PARTS KITS – Catalog nos. SPK1-(Model No.)

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