

KEY FEATURES

- **AUDIBLE/VISUAL ALARMS** - The light and buzzer indicators provide a clear warning of an overload condition (go/no-go failure).
- **OUTPUT CONNECTED VOLTMETER** - Ensures accurate voltage measurement regardless of load impedance.
- **OVER CURRENT PROTECTION** — Protects the test object from excess current levels by rapidly shutting down the high voltage in an overload condition. The overload sensitivity is continuously adjustable, which permits the testing of various objects. The overcurrent circuit must be manually reset as required by U.L.
- **RECESSED, LOCKING HIGH VOLTAGE CONNECTION** - Minimizes user accessibility to high voltage. Also prevents the output lead from being accidentally removed from the high voltage outlet.
- **INTERLOCK PROVISION** - Allows easy installation of any type of safety switch into the interlock circuit. Breaking this circuit will prohibit the generation of high voltage.

HA3AT-CT and HDB4AT-CT FEATURES

- **VOLTAGE SETPOINT** - Ensures the same test voltage is reached each time, providing better consistency in the test results.
- **REMOTE HIGH VOLTAGE RECEPTACLE** - High Voltage socket allows hipot and third wire ground continuity testing of objects directly from the power supply cord of the test object. The fixture allows the operator to be isolated from the controls during testing. The continuity test socket tests products with power supply cords for shorts from the line to neutral wires in the cord. It also tests portable electric lamps for continuity in the lamps' wiring.
- **TIMER** - Allows for consistency in the time the voltage is applied. The timer is internally adjustable from 0.5 to 5 seconds.



HIPOTRONICS
THE MEASURE OF A LEADER

AT Series AC or DC Hipot Insulation Testers



*Model HA3AT and
HA3AT-CT Hipot Testers*

DESCRIPTION

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.

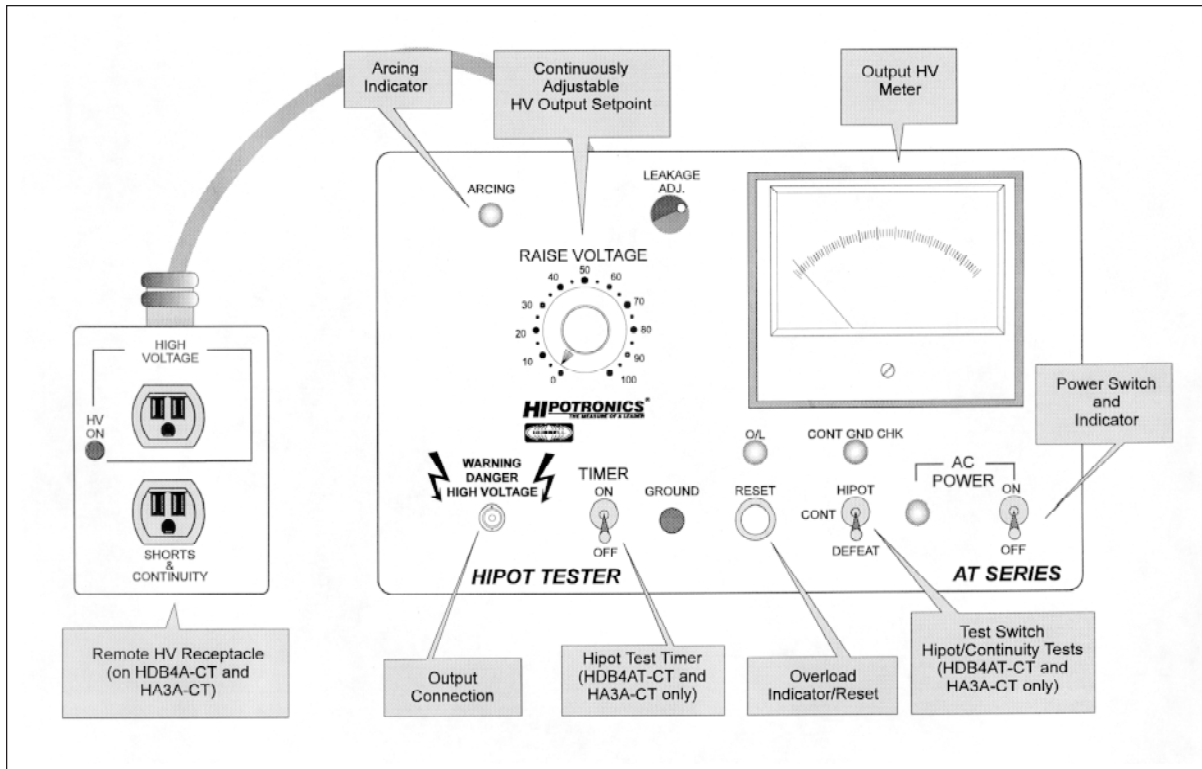
BENEFITS

- **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 TRACEABILITY** - Meter calibration is traceable to the National Institute of Standards and Technology.

APPLICATIONS

The most common applications are for production testing of:

- medical devices
- appliances
- computer equipment
- lighting fixtures and lamps
- telecommunications equipment
- industrial control equipment
- wire and cable
- automotive system components
- business equipment



HA3AT-CT or
HDB4AT-CT
Panel Detail

SPECIFICATIONS

MODEL		HA3AT	HA3AT-CT	HDB4AT-CT
OUTPUT VOLTAGE		0-3 kV ac	0-3 kV ac	0-4 kV dc
VOLTMETER RANGE		0-3.0 kV ac	0-3.0 kV ac	0-4.0 kV dc
WEIGHT	Net.	20 lb (9 kg)	23 lb (10 kg)	23 lb (10 kg)
	Ship.	27 lb (12 kg)	30 lb (14 kg)	30 lb (14 kg)
METERING		4-1/2" meter, $\pm 2\%$ full scale accuracy		
OVERLOAD SENSITIVITY		Adjustable from 500 μ A to 5 mA		
INPUT VOLTAGE		Model number suffix - A	120V / 60 Hz	
		Model number suffix - B	220V / 50 Hz	
TERMINATIONS		High voltage lead - 5 ft. long shielded high voltage test lead (RG58/U) with alligator clip Ground lead - 5 ft. long insulated test lead with alligator clip		
DIMENSIONS — NET		12-1/2" W x 8-1/2" D x 8-1/2" H (31.8 x 21.6 x 21.6 cm)		

ACCESSORIES

- SAFETY TEST CAGE - The interlocked test cage door shuts off high voltage if the door opens. Catalog No. TC-25
- RETRACTABLE TEST PROBE - The spring loaded, pistol-like probe exposes high voltage only when the voltage is to be applied to the object under test. Catalog No. HTP-R
- FIXED TEST PROBE - Allows easy application of the high voltage to the object under test. Catalog No. HTP-F
- SPARE PARTS KITS - Catalog Nos. SPK1-HA3AT, SPK1-HA3AT-CT and SPK1-HDB4AT-CT

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NOTE: Because Hipotronics has a policy of continuous product improvement, it reserves the right to change design and specifications without notice.