



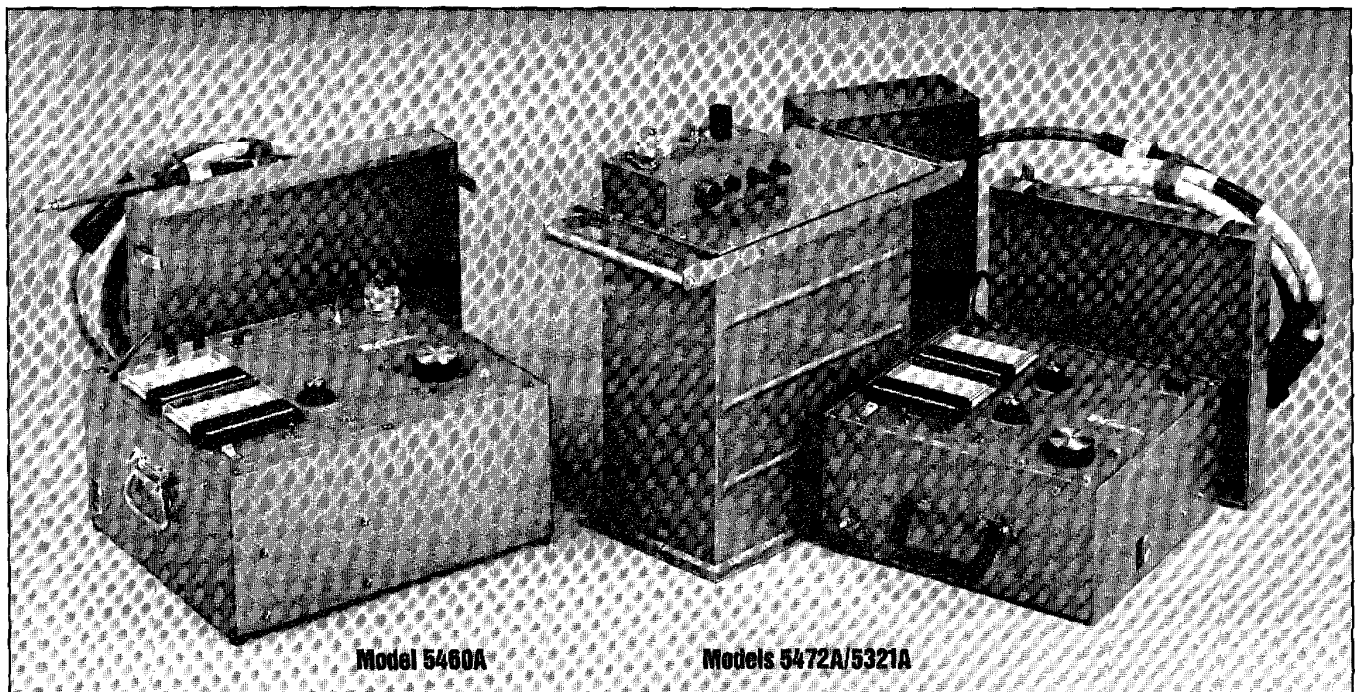
Advanced Test Equipment Rentals

www.atecorp.com 800-404-ATEC (2832)

PORTABLE DC HYPOTS[®]

Models 5460A, 5472A, 5321A

FOR NON-DESTRUCTIVE FIELD TESTING OF CABLE AND EQUIPMENT



Model 5460A

Models 5472A/5321A

GENERAL FEATURES

Zero start interlock to prevent misapplication of high voltage.

Available in single and dual case models.

Four range current meter with low current range of 0-5 microamperes in order to allow accurate hipot testing of all cable types.

Current limited to 5 milliamperes to protect personnel and equipment.

DC test potential continuously variable, metered directly at the output for accurate monitoring of test voltage.

Automatic output shorting to safely discharge the item under test.

$\pm 2\%$ accuracy on voltage and current metering.

Grounded reinforced metal cases with convenient carrying handles make these instruments rugged and easy to transport.

AR exclusive SuperFlex shielded HV output cable with excellent bend radius characteristics even in cold weather.

Selective guard circuit using meter and by-pass return terminals provides method for isolating actual leakage current.

One year limited warranty.

**ASSOCIATED
RESEARCH, INC.**

FOR NON-DESTRUCTIVE FIELD TESTING OF CABLE AND EQUIPMENT

PORTABLE DC HYPOTS®

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FEATURES AND SPECIFICATIONS

MODEL 5460A

The 5460A was designed to offer full hipotting capabilities in an extremely portable package. The single case construction makes the 5460A easy to operate, set up and transport. A maximum output voltage of 30 KVDC is reached by using an exclusive encapsulated power supply system. While the size was reduced the features were not. The 5460A has all the safety and metering features of our larger systems.

MODEL 5472A & 5321A

Our two piece systems are available in 60 KVDC (5472A) and 100 KVDC (5321A) versions. The operator controls these test sets through a separate control section containing no circuits operating at more than 115 volts. The high voltage section consists of a sealed oil filled reinforced aluminum tank containing all the high voltage components. This type of packaging offers maximum safety for the operator by keeping the high voltage away from the controls.

MODEL #	Model 5460A	Model 5472A	Model 5321A
Input	115V 50/60 Hz or 230V 50/60 Hz available		
Output	0-30 KVDC at 5 MA	0-60 KVDC at 5 MA	0-100 KVDC at 5 MA
Duty Cycle	Continuous	Continuous	Continuous
Metering KV Meter	Kilovolts: 0-30 KV 500 volts reading resolution	Scaled 0-30/60 KV 500/1000 volt reading resolution	Scaled 0-25/50/100 KV 500/1000/2000 volt reading resolution
Current	0-5/50/500/5000 microamps .1/1/10/100 microamp reading resolution		
Dimensions	One Piece 16"×14"×10" (41cm×36cm×25cm)	Two Piece Control Section: 13⅓"×13"×8⅛" (34.3×33×20.5cm) High-voltage Section: 19½"×19½"×9" (49.5×49.5×23cm)	
Weight	70 lbs. (31.8 kg.)	Control Section: 26 lbs. (11.8kg) High-voltage Section: 89 lbs. (40.4kg)	
Failure Detector	Current sensitive overload system monitoring current in return side of output. Fixed sensitivity of 5 MA.		
Terminations	SuperFlex shielded HV output cable 15 ft. (4.6m) and 15 ft. (4.6m) ground and return cables.		

To order the DC Hypot you need or to get further technical information call Toll Free 1-800-858-TEST (8378)
Phone 708-295-3312 • Fax 708-295-9165

Keeping Power in Service Since 1936.

Literature No. DCH-1 11/91

905 Carriage Park Avenue • Lake Bluff, IL 60044

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