

Superior Electric Powerstat 22
Autotransformer



**Limited Availability
Used and in Excellent Condition**

Open Web Page

<https://www.artisanng.com/47552-15>

All trademarks, brandnames, and brands appearing herein are the property of their respective owners.



Your **definitive** source
for quality pre-owned
equipment.

Artisan Technology Group

(217) 352-9330 | sales@artisanng.com | artisanng.com

- Critical and expedited services
- In stock / Ready-to-ship
- We buy your excess, underutilized, and idle equipment
- Full-service, independent repair center

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

DIELECTRIC WITHSTAND (HIPOT) TESTER

FAST



SAFE

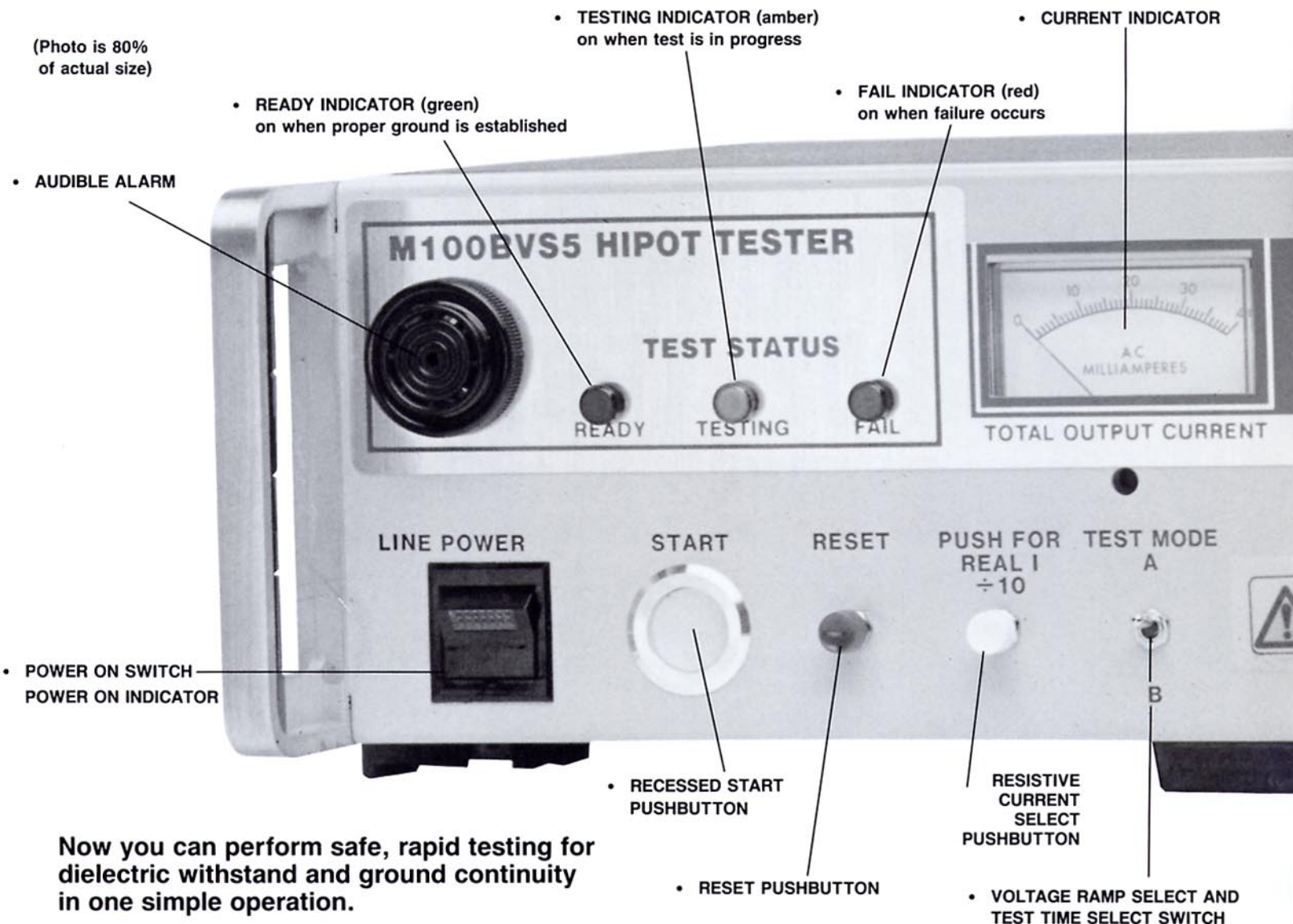


EFFICIENT



Like no other hipot tester you've ever seen.

(Photo is 80% of actual size)



Now you can perform safe, rapid testing for dielectric withstand and ground continuity in one simple operation.

The ROD-L Hipot Testers are designed to perform the tests specified by U.L., I.E.C., C.S.A., V.D.E., F.C.C. and others. The hipot test is a potentially dangerous operation, therefore the ROD-L product line has been designed with emphasis on safety, on efficiency, and on speed with which the test can be made. ROD-L was the first hipot tester line to merit U.L. Listing (Since 1977, File E58530).

Safe, Fast, Efficient

With a Rod-L Hipot Tester you get all these standard features:

- electronically controlled voltage rate-of-rise to ensure gradual, smooth and consistent rise time (eliminates harmful voltage spikes)
- electronically controlled voltage shutdown. Fast shutdown (2 ms) prevents harm to operator and protects the device under test (DUT)
- electronic, adjustable timing circuit to provide accurate, reliable test time (1 sec to 90 seconds)
- front panel receptacle, rated to withstand 8000 VAC, for direct plug-in of DUT or for plug-in of test fixture; provides maximum safety and dramatically reduces the time required to perform the test
- performs ground continuity test of .5Ω resistance standard (.1Ω available) at ≈ 1.5 VAC

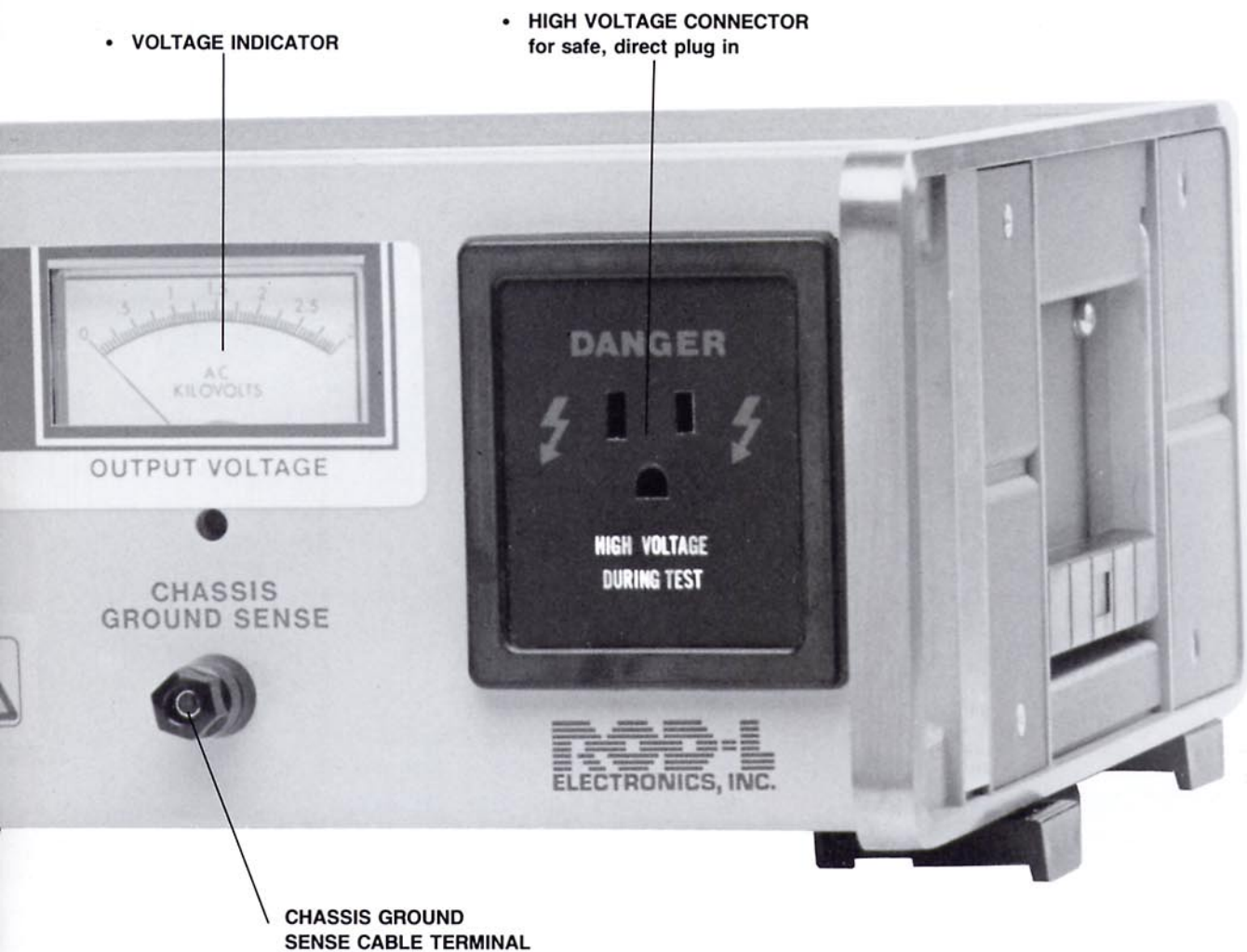
- security chassis ground test to enhance operator safety
- completely solid state for reliability
- TTL logic allows optional computer interface
- rack mountable
- performs hipot test requirements specified by U.L., C.S.A., I.E.C., V.D.E., F.C.C., and others
- detects arcs as short as 10 microseconds duration

Simple operation

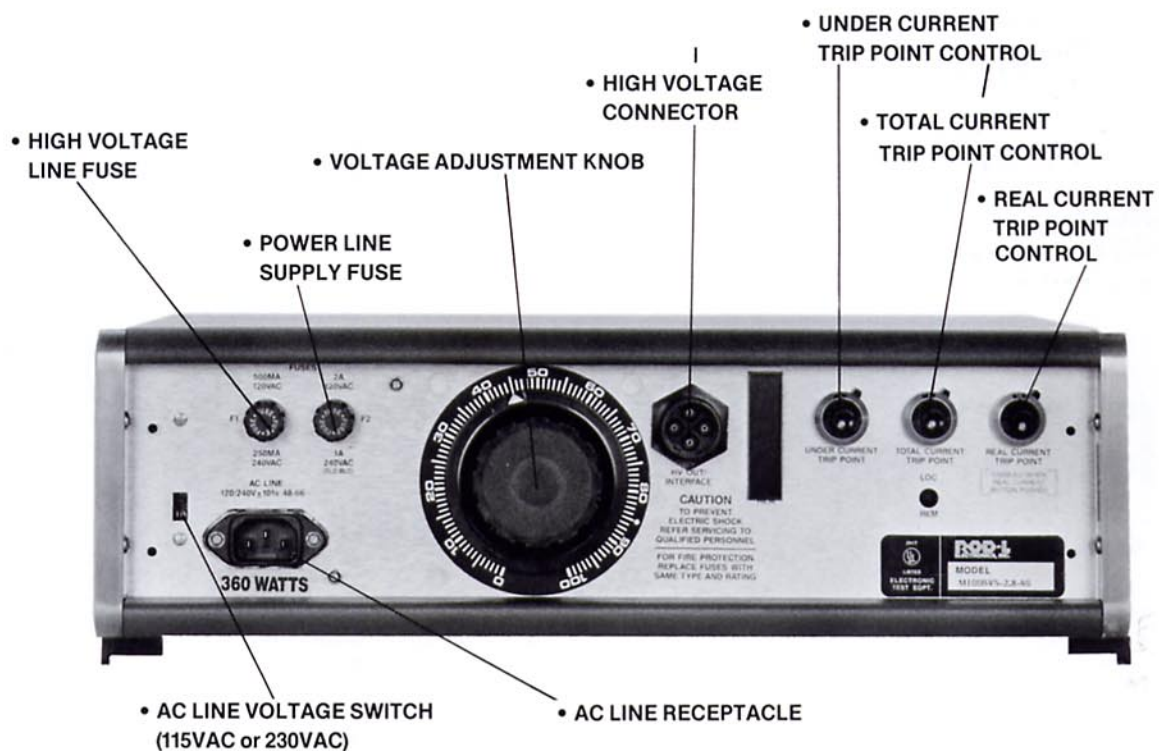
The hipot tester applies the test voltage to the DUT for a duration of time preset from 1 second to 90 seconds. The DUT simply plugs into the front panel outlet, rather than being attached with clip leads. Clip leads can be used, however, for devices without a power cord.

Test limits for leakage current are preset by the user via a rear panel control. In the event of failure, automatic circuitry turns off the high voltage within 2 ms, lights the "failure" lamp, and sets off an audible alarm. This audible and visual alarm must be reset manually (meets U.L. requirements).

Use a Rod-L Hipot Tester for quality assurance testing, incoming inspection, and in-product development.



This is the rear view of the ROD-L Hipot Tester M100BVS5. Rear panel configuration is dependent on model.



Voltage and Current Configurations

M100 Series

Maximum Output Voltage	Maximum Current Limit				
	10mA	25mA	40mA	50mA	70mA
1000 VAC	•	•	•	•	•
1500 VAC	•	•	•	•	
2800 VAC	•	•	•		
5000 VAC	•	•			

M500 Series

Maximum Output Voltage	Maximum Current Limit			
	100mA	200mA	350mA	500mA
1000 VAC	•	•	•	•
1500 VAC	•	•	•	
2800 VAC	•	•		
5000 VAC	•			

* Other voltages available on request

BV Models have Real (Resistive) Current measurement (to null capacitive current)

How to specify desired model:

Specify: **MODEL - VOLTAGE - CURRENT**

Example: **M100AVS5 - 2.8 - 40**

Where: **MODEL** is M100AVS5 or M100BVS5
or M500AVS5 or M500BVS5

VOLTAGE is maximum output voltage in kilovolts, and
CURRENT is maximum current limit in milliamperes

NOW, a tester powerful enough to perform AC hipot tests on devices with capacitors or capacitor-type filters.

ROD-L
ELECTRONICS, INC.

415-322-0711
Outside Calif. 800-548-6305
FAX: 415-326-1993

90032-08



SPECIFICATIONS

Output Voltage	User specified maximum—adjustable from 0 volts to full scale
Output Voltage Ramp Time	1 second to 30 seconds, user adjustable
Output Current	User specified maximum—adjustable trip point
Test Time	1 to 90 seconds, user adjustable
Shutdown	2 milliseconds
Arc Detection	Arc duration 10 microseconds or greater
Input Power Required	115/230 VAC, $\pm 10\%$, 48-66 Hz, 300 watts maximum for M100, 500 watts maximum for M500
Dimensions	16.75" x 5.25" x 13.25" (43 cm x 13 cm x 34 cm)
Weight	M100—26 lbs (12 kg) Net 30 lbs (14 kg) Shipping M500—30 lbs (14 kg) Net 35 lbs (16 kg) Shipping
Color	Mint Grey/Black

OPTIONS

- 01—Remote Control (Digital)
- 02—Front Panel Dwell Time Adjust
- 03—Front Panel Rise Time Adjust
- 05—Hands Off Operation
- 06—Rear Panel Lockout Cover
- 08—Switch Selectable Current Fail Points
- 10—Audible Testing Tone
- 15—Rack Mounting
- 16— $\div 10$ Front Panel Switch Current Trip Point (standard on BVS5 model)
- 18—Ohms Sense (Front Panel Receptacle is blanked out)
- 22—Front Panel Voltage Adjust
- 23—Digital Panel Meters
- 24—Blank Front Panel (Receptacle and/or Start)
- 27—"No Load" Trip Point Setting
- 28—Two-Switch Selectable Current Scales
- 29—Two-Switch Selectable Voltages



Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at [artisanng.com](https://www.artisanng.com) for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisanng.com | [artisanng.com](https://www.artisanng.com)

