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Data Sheet

August 14, 2026

HIPOTRONICS

Hipotronics H303B AC/DC Hypot Tester

The Hipotronics H303B is a 300 Series non-destructive AC/DC hipot and megohmmeter. Published H300B/H303B literature lists 2.5 kV AC and 3.0 kV DC output, insulation-resistance readings at 500 V DC, five current ranges and five resistance ranges, a dual-range output kV meter, 4.5 inch analog meters with 2 percent of full-scale accuracy, and an overload circuit adjustable from 50 uA to 5 mA that de-energizes the output when the preset threshold is exceeded. AC/DC dielectric withstand, corona-discharge screening, combination resistance/dielectric tests, and megohm insulation measurements on transformers, motors, cables, appliances, and electronic assemblies. Hipotronics H303B AC/DC Hipot Tester and Megohmmeter 2.5 kV AC / 3 kV DC

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MODEL

Hipotronics H303B

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

H303B

LISTING

<https://aumictechlabs.com/products/h303b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Hipotronics H303B High Potential Test Set is a solid and dependable solution for AC hipot testing. It facilitates the assessment of insulation strength in electrical equipment by applying

high-voltage AC signals, allowing technicians to identify potential insulation weaknesses, verify equipment safety, and meet regulatory requirements. This test set features precise voltage control and monitoring capabilities, ensuring accurate and repeatable test results.

H303B Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	AC/DC hipot tester and megohmmeter
Series Family	Hipotronics H300B (H301B / H303B / H306B)
Maximum Ac Voltage	2.5 kV AC
Maximum Dc Voltage	3.0 kV DC
Maximum Leakage Current	5 mA AC and 5 mA DC class
Ir Test Voltage	500 V DC direct megohmmeter readings
Current Ranges	5
Resistance Ranges	5
Meter Size	4.5 inch analog
Meter Accuracy	2 percent of full scale
Overload Sensitivity	continuously adjustable 50 uA to 5 mA
Overload Action	output de-energizes when preset current threshold is exceeded
Overload Sensor	thyatron overcurrent sensor with audible and visual indicators
Kv Meter	dual range output connected kV meter
Guard Circuit	grounded or ungrounded operation
Discharge	gravity operated output shorting solenoid with discharge resistor
Test Leads	front panel re-entrant test lead connections
Mounting	bench-top or standard 19 inch rack
Recalibration	front-panel recalibration facilities listed
Tester Class	non-destructive type 300 Series
Literature	Hipotronics H300B Series hipot and megohmmeter descriptions; H303B 2.5 kV AC / 3 kV DC product listings
Related Lower	H301B AC/DC hipot
Related Higher	H306B AC/DC hipot

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Instrument Type	AC/DC hipot tester and megohmmeter
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Maximum Ac Voltage	2.5 kV AC
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Maximum Leakage Current	5 mA AC and 5 mA DC class
Ir Test Voltage	500 V DC direct megohmmeter readings
Current Ranges	5
Resistance Ranges	5
Meter Size	4.5 inch analog
Meter Accuracy	2 percent of full scale
Overload Sensitivity	continuously adjustable 50 uA to 5 mA
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Notes	
Voltage, IR 500 V, five current/resistance ranges, 2 percent FS analog meters, and 50 uA-5 mA overload from	

Hipotronics H300B/H303B published product literature. Do not apply generic 5 kV/6 kV catalog-class maxima from unrelated hipot families to the H303B.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.