

Our HYAMP® Series provides manufacturers with data-driven

results and greater test flexibility required in today's complex test environment. Quickly collect test data and test settings from the convenient front panel USB port onto a standard USB flash drive. Use the front panel barcode connection to associate products with

preprogrammed test files. Test with greater flexibility by performing

either AC Ground Bond or DC Ground Bond at a maximum of 40 A of current. The HYAMP® features a drastically reduced weight and footprint making it the ideal lightweight Ground Bond solution for

laboratory and production line testing applications. Easily interconnect

8.00Vac 1.0s

with the Hypot® Series to form a complete safety compliance system.

## SAFETY & PRODUCTIVITY **FEATURES**







22100 COMO

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PLC Remote Basic PLC relay control

Remote Safety Interlock Easily disable HV output

Easily import/ export test files and data via USB







Barcode Capability Direct barcode connection

Multiple Languages Multi-Language user interface

**Ground Bond** Voltage Drop Monitor voltage drop vs resistance



HYAMP° Serie





Prompt & Hold Provides alerts & instructions between tests



Advanced User Security Customize ID & password



Accredited Cal Accredited calibration options available



4-Wire Measurement More accurate milliohm measurement



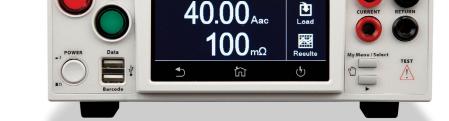
Interconnect with Hypot® to form a complete test system



On Board Data Storage Save up to 1,500 Test Results on-board



Automation Software



GB1-001

## Find the Model that Fits Your Testing Needs



3240 AC/DC

ASSOCIATED RESEARCH

INPUT SPECIFICATIONS		
Voltage	100 – 120 VAC / 200 – 240 VAC ± 10% Auto Range	
Frequency	50/60Hz ± 5%	
Fuse	10 A, Slow Blow 250 VAC	
GROUND BOND TEST MODE		
Output Voltage (Open Circuit Voltage)	Range: Resolution: Accuracy:	3.00 – 8.00 VAC/DC 0.01 VAC/DC ± (3% of setting + 3 counts)
Output Frequency	50 or 60 Hz, User Selectable/DC	
Output Current	Range: Resolution: Accuracy:	0 – 150 mΩ for 30.01 – 40.00 A 0 – 200 mΩ for 10.01 – 30.00 A 0 – 600 mΩ for 1.00 – 10.01 A 0.1 A ± (3% of setting + 3 counts)
Maximum Loading	Range: Resolution: Accuracy:	$\begin{array}{l} 1.00-10.00~\text{A},~0-600~\text{m}\Omega \\ 10.01-30.00~\text{A},~0-200~\text{m}\Omega \\ 30.01-40.00~\text{A},~0-150~\text{m}\Omega \\ 1~\text{m}\Omega \\ \pm (2\%~\text{of setting}+2~\text{counts}) \end{array}$
HI and LO-Limit Resistance	Range: Resolution: Accuracy:	0 – 150 mΩ for 30.01 – 40.00 A 0 – 200 mΩ for 10.01 – 30.00 A 0 – 600 mΩ for 1.00 – 10.01 A 1 mΩ ± (2% of setting + 2 counts)
HI and LO-Limit Voltage	Range: Resolution: Accuracy:	0.00 – 6.00 V 0.01 ± (2% of settings + 2 counts)
Dwell Time Setting	Range:	0, 0.5 – 999.9 sec (0=Continuous)
Ω Offset Capability	Range: Resolution: Accuracy:	0 – 100 mΩ 1 mΩ ± (2% of setting + 2 counts)
V Offset Capability	Range: Resolution: Accuracy:	0.00 – 4.00 V 0.01 V ± (2% of setting + 2 counts)
Current Display	Range: Resolution: Accuracy:	0.00 – 40.00 AAC/DC 0.01 AC/DC ± (3% of reading + 1 count)
Voltage Display	Range: Resolution: Accuracy:	0.00 – 8.00 VAC/DC 0.01 AC/DC ± (2% of reading + 2 counts)
Ohmmeter Display	Range: Resolution: Accuracy:	$0-600~m\Omega$ for $1.00-5.99~A$ 1 m $\Omega$ $\pm$ (3% of reading $~+$ 3 counts)
	Range: Resolution: Accuracy:	0 – 600 mΩ for 6 – 40 A 1 mΩ ± (2% of reading + 2 counts)

GENERAL SPECIFICATIONS		
Remote Control and Signal I/O	The following input and output signals are provided through two 9 pin D type connectors: Inputs: Test, Reset, Hardware Interlock, File Recall Outputs: Pass, Fail, Test-in-Process, Reset-Out, Start-Out Hardware Interlock (safety)	
Memories	50 steps 1500 test results	
Interface	USB standard	
Language	English, Traditional Chinese, Simplified Chinese, Turkish, Portuguese, Spanish, German, French	
Security	Multiple user setups with ID and password	
Dimensions (W x H x D)	8.5" x 3.5" x 11.9" (215 x 88.1 x 300 mm)	
Weight	11 lbs (5 kg)	

## Why We Use Counts

Associated Research publishes some specifications using "counts" which allows us to provide a better indication of the instrument's capabilities across measurement ranges. A count refers to the lowest resolution of the display for a given measurement range. For example, if the resolution for voltage is 1V then 2 counts = 2 V.

Specifications subject to change without notice.



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