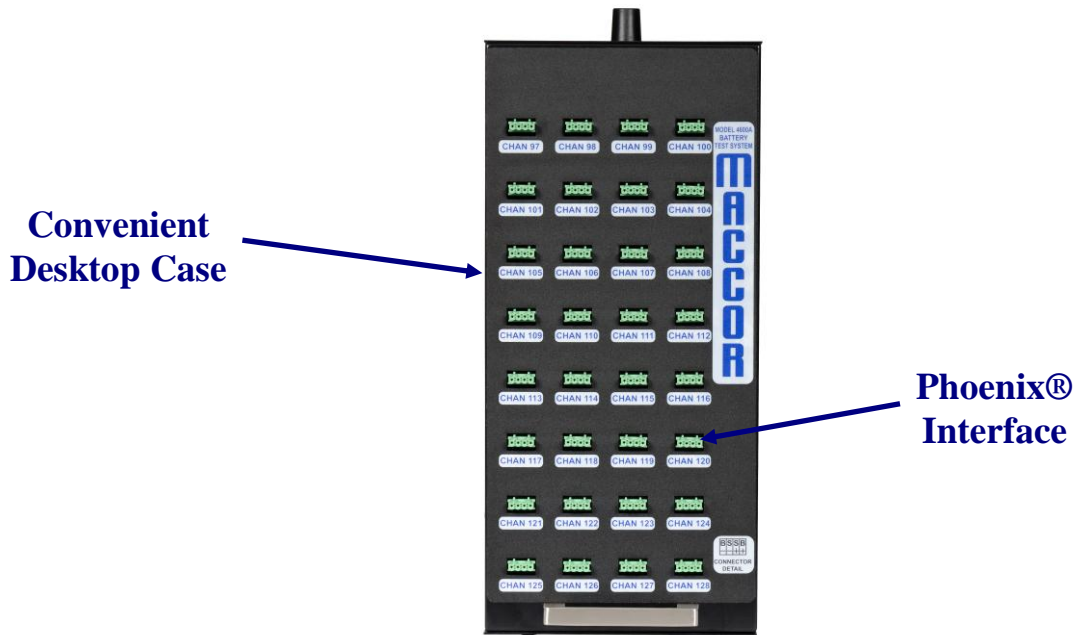


MACCOR

BATTERY & CELL TEST EQUIPMENT WORLD WIDE

MODEL 4600A DESKTOP AUTOMATED TEST SYSTEM

The automated Model 4600A secondary cell test system has been engineered to provide high capabilities for single cell testing at a very economical price.



The Model 4600A is supplied as a complete turnkey system with Tester PC and software.

Powered by Maccor's standard test system software and utilizing similar technology as found in Maccor's high-precision Series 4000 Automated Test System, the Model 4600A is ideal for today's testing standards. During the test, data is recorded at operator specified intervals. At any time during the test data can be viewed or plotted. The software can be configured to automatically add key test data to a company database. Additionally, custom data handling interfaces or user interfaces are available as an option.

The Model 4600A is supplied with a Phoenix® interface for easily connecting cables or cell holders. Each desktop cabinet is configured with 32 test positions, however, test systems can have multiple test cabinets.

Standard Features and Functions

- Adaptable To A Wide Range Of Battery Sizes and Battery Chemistries
- Easily Scalable To Support Capacity Expansion At Acceptable Costs
- Easy To Use And Maintain Minimizing Labor Force
- Customizable To Meet Varying And Evolving Customer Requirements
- Easily Adaptable To Meet A Wide Range Of Testing Needs
- Each Test Station Operates Independently Of The Other Positions
- Can Be User Programmed To Operate In Steps Of Constant Current, Constant Power, Constant Voltage, or Constant Resistance
- With the MIMS Client software, data is easily viewed graphically with different standard graphs. Several Chart types may be displayed at the same time with the ability to store the display settings as a template. Data from different devices may be overlaid on a single chart or viewed side-by-side

Specifications

Current Range	Refer to Note 1
Current Accuracy	±0.05% FSR

Note1: Available in current ranges of 3.75A, 2.5A, 1A, 500mA, 250mA, 150mA, or 20mA. Each module has 32-channels and all the channels in a module must have the same full-scale current range.

Turn-On & Settling Times in Constant Current Mode	
Currents Greater Than 40% of Full-Scale	less than 150 mS
Currents Greater Than 3% of Full-Scale	less than 500 mS

Voltage	
Measurement Range	0 – 5 Volts
Minimum Discharge	0.2 volts or 0.35 x Current, whichever is greater
Voltage Accuracy	±0.05% FSR

Modes of Operation			
Constant Current	Constant Power	Constant Resistance	Constant Voltage
Fixed 1kHz AC Impedance Measurement			

Time	
Minimum Step Time	500 mS
Control, Measurement, and Adjustment	every 50 mS

MACCOR

Maccor, Inc

4322 S 49th W Avenue
Contact: Mark Hulse
Telephone: +1 918-630-2256
Email: m.hulse@maccor.com

Tulsa, Oklahoma 74107 USA
Position: V.P Sales & Marketing
Facsimile: +1 918-445-1496
Web: www.maccor.com