

Maximize Service Efficiency

MIDTRONICS

GR8-1100 Battery Diagnostic Station

Increase your service efficiency and overall customer satisfaction with the GR8-1100 from Midtronics. This all-in-one portable battery diagnostic station offers intelligent, controlled, and rapid charging combined with battery state-of-health analysis. Routine maintenance checks are performed quickly and efficiently by identifying batteries nearing the end of their useful life before they fail out on the road. The contoured rolling cart with detachable controller and optional integrated printer give you maximum flexibility for customer consultations anywhere in your shop. Increase your battery sales and customer satisfaction scores with the Midtronics GR8.

Features:

Diagnostic Charging Mode

- Quickly and efficiently assess the condition of the battery

Power Supply Mode

- Maintains the battery state-of-charge during vehicle reflash programming and extensive service work

Jump-start Mode

- 250 amp automated jump-start routine

Manual Mode

- User-defined charging parameters

Maximize Service Efficiency

- Recover batteries quickly & eliminate wasted time charging bad batteries
- Quickly service every vehicle

Improve Customer Satisfaction

- Reduce and eliminate no-start situations
- Quickly fix battery problems

Increase Your Bottom Line

- Eliminate costly replacement of good batteries
- Free technicians for more profitable tasks



GR8-1100 Battery Diagnostic Station

Features:

Dynamic Conductance Technology combined with advanced charge control to provide fast and accurate results

MOSFET Soft Switch Charging Technology

- Allows more precise control of charging voltage and current
- Increases overall charging efficiency (maximizes energy usage from the AC outlet)
- Provides necessary responsiveness and control for maintaining battery during service work including when control modules are being re-flashed
- Dramatically reduces heat as compared to standard SCR controlled devices and increases service life

Integrated temperature sensor improves safety and diagnostic charging capabilities

Four individual load test capabilities allow testing and charging of small and large batteries

Recovery charge mode helps recover hard to charge batteries

Top-off charging lets you trickle charge batteries when desired

Multiple diagnostic/charging algorithms including AGM/spiral batteries

Removable controller design provides flexibility and utility

- Unique design isolates key electronics away from the heat associated with battery charging
- Provides service and repair flexibility

New integrated, roll-around cart design puts the controls at the user's level

Quick connect removable cables for maximum service flexibility

Advanced Communications

- Large back-lit graphical screen
- Full alphanumeric keypad including hot keys
- USB port
- Data card reader/writer for simple in-field upgrades and data storage
- Integrated printer (optional)



Specifications:

Model:

- GR8-1100

Display:

- LCD graphics display

Test Range:

- 100-3000 CCA
- 100-3000 CA
- 100-3000 MCA (Marine Cranking Amps)
- JIS by Number
- 100-1000 A DIN
- 100-3000 A SAE
- 100-1000 A IEC
- 100-3000 A EN

Charging Voltage:

- Up to 17 volts, .1 resolution

Charging Current:

- 0-60 Amps, 1 Amp resolution
- 80 Peak Amps

Outputs:

- Amp hours put into the battery
- Time remaining to charge in minutes
- Voltage
- CCAs

CUL Listed

Languages:

- English
- Spanish
- French-Canadian

Housing Material:

- Acid resistant ABS plastic

Printer:

- Optional built-in printer
- IR port functions with existing A087 printer

GR-8 Integrated Printer

- Field upgradeable/replaceable
- Same quality printout as external IR printer
- Unlike external IR printers, integrated printer is immune to light interference
- Thermal printout
- Integrated – no magnet, velcro or bracket needed
- Easy to use. No software change needed to enable printer – plug and play