

CPX-900

BATTERY & SYSTEM ANALYZER

Today's service environment demands a diagnostic solution that offers a combination of information, technology, and communication to support the battery needs of today's complex electrical systems.

As the complexity of battery and electrical systems continue to evolve, diagnostic technology must be able to keep pace.

A Contemporary Solution

CPX-900 Battery & System Analyzer answers the challenges posed by current and future vehicles, including capabilities for new battery and system types, new business procedures and a generation of service technicians familiar with app-based technology.

Advanced System Diagnostics

- Conductance Profiling™ offers increased decisiveness (less Charge & Retest) and a battery Reserve Capacity condition check
- Supports future vehicle/battery technologies via software updates with subscription to BMIS Program Maintenance. Optional CPX-901 dock enables automated overnight updates.

- Service for conventional and advanced vehicle systems (including start-stop)
- Supports conventional lead acid, EFB, and AGM batteries
- Conductance Profiling™ delivers enhanced diagnostics providing significantly fewer 'Charge & Retest' decisions, as well as battery Reserve Capacity warnings
- Service apps promote quick, error-free testing — ideal for busy shops or inexperienced technicians
- Full-color screen provides easy system navigation, detailed reference information and test results



Dynamic Service Experience

- 3.5-inch color display offers more on-screen information and provides convenient option for sharing battery diagnostic results with customers
- Ergonomic shape, size and grip is easy to carry and hold
- Field-replaceable cable

Complete Battery Management

- On-tool Wi-Fi and Bluetooth capabilities support flexible networking capabilities
- Vehicle database-driven testing automatically sets correct battery parameters, increasing user confidence and customer satisfaction
- Year/Make/Model manual entry or VIN capture via optional 1D/2D barcode scanner establishes vehicle records & tracks process compliance



3.5", 320 x 240 pixel color TFT screen

6-button user input

6 AA batteries
User-replaceable

Integrated printer*

1D/2D barcode scanner*

Infrared temperature sensor

Wi-Fi & Bluetooth connectivity

Micro USB OTG port

Models / Part Numbers

CPX-900: Includes tester, 4-ft battery cables

CPX-900P	P	Includes Optional Integrated printer
CPX-900L	L	Includes Optional 9.8-ft. cables
CPX-900PL	PL	Includes Optional Integrated printer and 9.8-ft. cables
CPX-900 BAR	BAR	Includes Optional 1D/2D barcode scanner
CPX-900P BAR	PBAR	Includes Optional Integrated printer and 1D/2D barcode scanner
CPX-900L BAR	LBAR	Includes Optional 9.8-ft. cables and 1D/2D barcode scanner
CPX-900PL BAR	PLBAR	Includes Optional Integrated printer, 9.8-ft. cables and 1D/2D barcode scanner

CPX-901: Optional dock (for automated overnight software updates)

Note: Printer and Barcode Scanner options must be selected at time of purchase and cannot be added later

Supported 12V Battery Types

- Flooded Lead Acid
- AGM (flat and spiral)
- EFB
- Gel

Battery Ratings

- CCA
- CA
- MCA
- JIS
- DIN
- SAE
- IEC
- EN
- EN2

Reverse Polarity Protection

Battery Test Voltage Range

1.0V to 35V

Operating Temperature & Humidity

- Non-printer version: -20°C to 50°C
- Printer version: 0°C to 50°C
- Both: 20-80%, R.H, non-condensing

Wi-Fi & Bluetooth Communications

- Wi-Fi: 802.11 b/g/n/ 2.4 GHz
- Class 2 Bluetooth

Certifications



WEEE FCC

*Optional

Corporate Headquarters

Willowbrook, IL USA
Phone: 1.630.323.2800
Toll Free in US: 1.800.776.1995
Toll-Free in Canada: 1.866.592-8053

EMEA Sales

Midtronics b.v.
EMEA Headquarters
Houten, The Netherlands
Serving Europe, Middle East and Africa
Phone: +31 306 868 150

Midtronics China Office

China Operations
Shenzhen, China
Phone: +86 755 8202 2036

Asia/Pacific (excluding China)

Contact Corporate Headquarters
Phone: +1.630.323.2800

Midtronics India

Mumbai, India
Phone: +91.989 237 6661

MIDTRONICS

www.midtronics.com

[@midtronics](https://twitter.com/midtronics)