

**MIDTRONICS**Advancing  
Battery Management**CPX-900**

# 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.



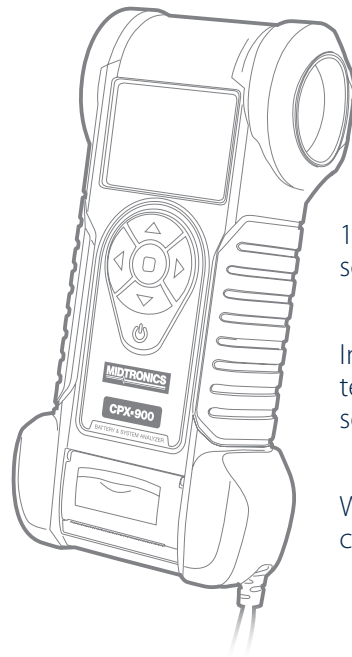
- Service for conventional and advanced vehicle systems (including start-stop)
- Supports conventional lead acid, EFB, and AGM batteries
- Conductance Profiling™ delivers enhanced diagnostics providing significantly fewer 'Charge & Retest' decisions, as well as battery Reserve Capacity warnings
- Service 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

## Certifications



WEEE FCC

\*Optional

## Models / Part Numbers

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

<b>CPX-900P</b>	<b>P</b>	Includes Optional Integrated printer
<b>CPX-900L</b>	<b>L</b>	Includes Optional 9.8-ft. cables
<b>CPX-900PL</b>	<b>PL</b>	Includes Optional Integrated printer and 9.8-ft. cables
<b>CPX-900 BAR</b>	<b>BAR</b>	Includes Optional 1D/2D barcode scanner
<b>CPX-900P BAR</b>	<b>PBAR</b>	Includes Optional Integrated printer and 1D/2D barcode scanner
<b>CPX-900L BAR</b>	<b>LBAR</b>	Includes Optional 9.8-ft. cables and 1D/2D barcode scanner
<b>CPX-900PL BAR</b>	<b>PLBAR</b>	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
- JIS
- IEC
- CA
- DIN
- EN
- MCA
- SAE
- 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

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