

# CPX-900 AP

## 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 AP 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



# CPX-900 AP

## 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\*

*\*Optional*

1D/2D barcode scanner\*

Infrared temperature sensor

Wi-Fi & Bluetooth connectivity

Micro USB

## Models / Part Numbers

**CPX-941P AP**  
**CPX-941P BAR AP**

**CPX-971 AP**  
**CPX-971 BAR AP**  
**CPX-971P AP**  
**CPX-971P BAR AP**

- P** Includes Optional Integrated printer
- BAR** Includes optional 1D/2D barcode scanner
- AP** Includes English, Chinese, Japanese, Korean and Arabic languages

**CPX-941:** 1.2m (4-ft) battery cables, no system test

**CPX-971:** 3.0m (9.8-ft) battery cables, includes system test capability

**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

1V to 35V

## Wi-Fi & Bluetooth Communications

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

## Certifications

- CE
- WEEE
- FCC
- ROHS

## Dimensions

- Height: 27.92 cm (11.00 in.)
- Width: 13.97 cm (5.50 in.)
- Depth: 10.16 cm (4.00 in.)
- Weight: 1.65 kg (3.65 lbs.) *with printer and barcode scanner*

**MIDTRONICS**

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

**Corporate Headquarters**  
Willowbrook, IL USA  
Phone: +1 630 323 2800

**Midtronics China Office**  
Shenzhen, China  
Phone: +86 755 2374 1010  
Email: chinainfo@midtronics.com

**Midtronics South Asia /M.E**  
Mumbai, India  
Phone: +91.989 237 6661  
Email: ajati@midtronics.com

**Midtronics Southeast Asia**  
Bangkok, Thailand  
Phone: +669 0005 5598  
Email: pkhanasuk@midtronics.com

**Midtronics Japan/Korea**  
Yokohama, Japan  
Phone: +81 45 548 3915  
Email: tyamamoto@midtronics.com

**Midtronics Australia/N.Z.**  
Willowbrook, IL USA  
Phone: +1 630 244 1614  
Email: yiguchi@midtronics.com