

## PROVEN PREVENTATIVE MAINTENANCE

#### **FEATURES:**

## **Dynamic Conductance Battery Testing Technology**

- Combines direct temperature measurement with deep scan technology to improve accuracy and decisiveness
- Advanced preventative maintenance algorithms identify batteries as they approach end-of-life

## **Advanced Electrical System Diagnostics Featuring Digital Signal Processing**

- Digital Signal Processing (DSP) creates a digitized picture of the measured alternator output voltage to analyze the amplitude level and frequency of the diode ripple pattern
- Delivers improved accuracy and the ability to identify open or shorted diodes and open phase conditions (multiple diode failure or winding problems)

## **Advanced Communications Capabilities**

- Integrated printer to enhance and reinforce the selling and service process
- Data Card read/write drive for software update capability and data storage

#### **Superior User Interface**

- Large graphical screen
- Scroll bar capability
- · Hot keys

Building on advanced EXP technology with additional program management features, the Midtronics EXP-800 sets the standard for professional battery and electrical preventative maintenance.



Easy-to-use controls, compact size, and an integrated printer make the EXP-800 the ideal choice for service shops looking to increase customer satisfaction and battery revenue by making preventative maintenance a part of their value-added solutions.



## EXP-800

# Battery and Electrical System Diagnostic Analyzer with Integrated printer

#### **SPECIFICATIONS:**

#### Model:

EXP-800

EXP-800 Battery and Electrical System Diagnostic Analyzer with integrated printer, lead stud adapter set, 4-ft. cable set, and carying bag

• EXP-800L Everything included with the EXP-800, except with a 10-ft. cable set

#### **Applications:**

- 6- and 12-volt batteries
- 12- and 24-volt charging systems

#### **Power Requirements:**

• (6) AA Alkaline batteries

#### **Battery Applications:**

- Automotive
- Marine battery
- Motorcycle
- · Lawn and Garden

#### **Battery Chemistries:**

- Regular (flooded)
- · AGM Spiral
- AGM
- Gel

Rating System	Range
CCA	100 – 3000
CA	100 - 3000
MCA	100 - 3000
JIS	By JIS number
DIN	100 – 1000
SAE	100 – 3000
IEC	100 – 1000
EN	100 – 3000

#### **DC Voltage**

0 - 60 V, 0.05% +/- .03 VDC

#### **Measured Temperature**

-20 to 200° F 1.0% +/- 5° (-28.8 to 93.3° C)

#### Display:

 128 x 64 pixel graphic, backlit display

#### **Operating Temperature:**

• 32° F – 120° F (0° C – 49° C)

#### **Housing Material:**

ABS plastic

#### **Dimensions:**

• 9½ in H x 4 in W x 2½ in D

#### Weight:

1 lb / 427 q

#### Languages:

- English
- French-Canadian
- Spanish

Use your smartphone QRC scanner app to view these EXP-800 videos:



Features and benefits



Preparing for a battery test



Testing a battery



## EXP800

WILLS CAR CATILLE 1060 W. ADDISON S CHICAGO, IL 60610 800 867-5309 WWW. CATILLE, COM

> 10/19/2012 2:32 PM





NO START TEMP: 10°F

BATTERY MAY NOT START VEHICLE AT OR BELOW THIS TEMPERATURE OR IN EXTREME CONDITIONS

BATTERY AGE: 81 MO. AVERAGE BATTERY LIFE IN THIS AREA 59 MO

BATTERY IS APPROACHING THE END OF ITS USEFUL LIFE.

SUGGEST REPLACEMENT

Sample Printout

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