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Advancing Battery Management

# EXP-800

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

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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

# **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



# EXP-800

Battery and Electrical System Diagnostic Analyzer

with Integrated printer

## **S**PECIFICATIONS:

#### 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:**
- 9 ½ in H x 4 in W x 2 ½ in D

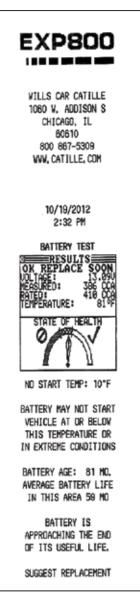
#### Weight:

• 1 lb / 427 g

#### Languages:

- EnglishSpanish
- sh French-Canadian





Sample Printout