

Proven Preventative Maintenance



EXP-800

Battery and Electrical Diagnostic Analyzer with Integrated Printer

Building on advanced EXP technology with additional program management features, the Midtronics EXP-800 sets the standard for professional battery and electrical preventative maintenance. Features like easy-to-use controls, compact size, and an integrated printer, make the EXP-800 the ideal choice for any service shop looking to make preventative maintenance part of their value-added solutions.

Features:

New Dynamic Conductance Battery Testing Technology

- Combines direct temperature measurement with deep scan technology to improve accuracy and decisiveness
- Advanced preventative maintenance algorithms for identifying 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 for improved accuracy and identification of open or shorted diodes and open phase conditions, (multiple diode failure or winding problems)

Advanced Communications Capabilities

- Integrated printer to enhance and enforce the selling/service process
- Integrated data card read/write drive for simple software update capability and data storage

Superior User Interface

- Large graphical screen for icons and improved explanations
- Scroll bar capability means fewer overall screens
- Hot keys improve logic and flow





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Specifications:

Model:

- EXP-800
Battery and electrical diagnostic analyzer with integrated printer

Applications:

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

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)

Test Leads:

- 4 ft cable with HD dual conductor Kelvin clamps

Housing Material:

- ABS plastic

Dimensions:

- 9 ½ in H x 4 in W x 2 ½ in D

Weight:

- 1 lb / 427 g

Soft-Sided Carrying Case/Toolbag**Languages:**

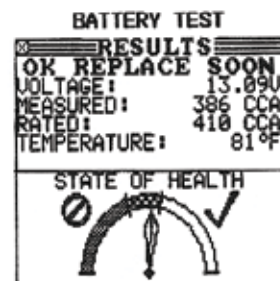
- English
- French-Canadian
- Spanish



EXP800

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CHICAGO, IL
60610
800 867-5309
WWW.CATILLE.COM

10/19/2007
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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