

PowerSensor® Micro400™

Digital Battery Analyzer

The Battery Professional's Choice

Features:

- Accurate battery test decision in seconds
- Proven Conductance Technology and test algorithms required for warranty testing at automotive dealers around the world
- Tests both 6-and 12-volt batteries
- Complete battery analysis: digitally displays voltage, battery condition and available power
- Tests discharged batteries down to 5.5 volts
- Easy to follow menu-driven interface
- Good contact verification
- Temperature compensation
- Tool box tough



UNIQUE CONDUCTANCE TECHNOLOGY

Conductance describes the ability of a battery to conduct current. It is a measurement of the plate surface available in a battery for chemical reaction, which determines how much power the battery can supply. Years of laboratory and field test data have proven that conductance provides a reliable indication of battery state of health and a direct correlation to battery capacity.

As a battery ages, the plate surface can sulfate or shed active material, which adversely affects its ability to perform. Conductance can be used to detect cell defects, shorts, and open circuits which can cause the battery to fail. Using Conductance, Midtronics testers and diagnostic chargers are able to determine the battery's true state of health and provide an indication of the battery's remaining life.

Midtronics Conductance Technology is recognized worldwide as the new standard for determining battery condition and controlling battery charging, and is the required test method for battery warranty decisions at most automotive OEMs worldwide. Major back-up power users worldwide use Conductance testing as their guideline for battery management decisions.

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Specifications:

Model:
MCR-400

Applications:
Tests 6- and 12-volt automotive batteries

Operating Range:
100 - 1400 CCA
5.5- to 14-volts OCV required

Power Requirements:
Uses power of the battery under test with minimum 5.5-volts OCV required

Display:
2 line, 16 characters LCD

Temperature Compensation:
Temperature compensated test

Operating Temperature:
0°F to 120°F / -18°C to 50°C

Test Lead Clamps:
Dual conductor Kelvin clamps

Housing Material:
Acid resistant ABS plastic

Dimensions:
9" X 4" X 2.5"
230mm x 102mm x 65mm

Weight:
15 oz. / 400 grams

Languages:
Available in most languages

Rating Systems:
Available in CCA, SAE(A), DIN, IEC, EN

**QS - 9000
CERTIFIED**

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