Battery Testing Solutions

Available in Australia from Century Batteries
Century Batteries is Australia’s oldest and most recognised battery manufacturer with a history of manufacturing and supplying batteries in Australia since 1928. In this time we have developed the engineering expertise and state of the art manufacturing processes to produce a range of superior quality batteries better suited to Australia’s hotter climate and harsh conditions.

Midtronics Inc are the world’s leading manufacturer of battery testing and diagnostic equipment and set the standard for battery testing. Focused on the development of innovative products, the company has positioned itself as the worldwide standard in battery testing.

This catalogue features Century’s core range of battery testing equipment. For more information on the complete range of Midtronics testing equipment contact your Century representative on 1300 362 287.

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Midtronics testers are recognised worldwide as the standard for determining battery condition. The patented conductance technology is the preferred test method for battery warranty decisions for automotive dealerships and vehicle manufacturers.

The Life of a Battery

Through Conductance

The rate that a battery ages is determined by operating conditions, including time, temperature, state-of-charge and vibration. Extremes in any of these conditions reduces battery life and its conductance.

When a battery loses a significant percentage of its ability, its conductance reading will fall below its performance rating and the test decision will recommend battery replacement.

Because conductance measurements can track the life of the battery, it is an effective way of predicting battery failure.

New Battery

<table>
<thead>
<tr>
<th>Rating</th>
<th>Measured</th>
</tr>
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<tbody>
<tr>
<td>500 CCA</td>
<td>650 CCA</td>
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During Life

| 450 - 650 CCA |

Approaching End of Life

| 395 CCA |

Replace Battery

| 350 CCA |

CCA figures are for reference only and not used to determine battery state of charge.

Midtronics testers are backed by a fully comprehensive nationwide warranty and supported by one of Australia’s most extensive sales and distribution networks.

This gives you the peace of mind that your Midtronics tester is protected against faulty materials and workmanship for up to 12 months and is supported by Century’s extensive network of locally placed battery specialists.

For more info on the complete range of Midtronics products please contact your Century representative on 1300 362 287.
Helping grow your battery business

Century’s range of battery testing equipment can help increase battery sales and grow your business into a true battery destination.

Including battery testing as part of your total battery management program will help you identify suspect batteries before they fail, leading to pre-emptive battery replacement and increased customer service.

The more batteries you test, the more you sell!

Research shows regular testing as part of a battery management program results in increased battery sales.

A managed battery testing program will help you...

- Reduce Costs
  - Quick & accurate battery diagnosis
  - Save time & money with improved testing productivity
  - Increase customer turnaround times
  - Reduce incidents of invalid warranty claims

- Improve Customer Satisfaction
  - Fast accurate test results on suspect batteries
  - Provide customer with a print out of results
  - Reassurance of battery condition
  - Replace weak batteries before they fail

- Increase Sales
  - Identify problem batteries before they fail
  - Provide customers with a print out of test results
  - Advise customers of the best battery for their needs
  - Secure pre-emptive battery sales

Encourage your customers to ask for a FREE battery test...

*The more batteries you test, the more you sell!*

Midtronics battery testers enable testing in and out of the vehicle and by providing customers with a print out of results you can increase battery sales.
Suitable for most vehicle and battery applications the MDX-650P combines over 20 years of experience and innovation gained from supplying the world’s leading vehicle manufacturers.

The MDX-650P utilises the very latest in battery testing technology, to provide a fast, accurate and easy to use portable testing capability. Suitable for multi vehicle applications, battery types and rating systems, it offers an array of testing capabilities including battery state of health, cranking health, charging system analysis and advanced starter and alternator diagnosis.

The ultimate battery and electrical system tester! The MDX-650P is the ideal tool for the professional trades person, ideal for use both in the workshop or out in the field.

Specifications

<table>
<thead>
<tr>
<th>Code</th>
<th>191004</th>
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<tbody>
<tr>
<td>Description</td>
<td>Century MDX-650P Battery Tester</td>
</tr>
<tr>
<td>Weight</td>
<td>0.93kg</td>
</tr>
<tr>
<td>Accessories Included</td>
<td>Integrated printer, data card reader, 3m cables, stud adapter, tool bag</td>
</tr>
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</table>

For more information on the complete range of Midtronics testing equipment contact your Century representative on 1300 362 287
The MDX-P300 provides a quick, simple and accurate battery and electrical system test in seconds. Test results can be printed and reviewed with customer for increased preventative battery maintenance and enhanced customer service levels.

The MDX-P300 has multi testing capabilities including, state of health, cranking performance, bad cell detection together with starting and charging system analysis.

**MDX-P300**

The MDX-P300 has multi testing capabilities including, state of health, cranking performance, bad cell detection together with starting and charging system analysis.

**Additional Features**

- Tests 12-volt batteries and electrical systems for cars and light trucks
- Tests starting and charging system voltage and displays results
- Tests batteries from 100-960 CCA
- Bad cell detection
- Tests discharged batteries down to 1-volt
- Multiple rating system compatible (CCA, SAE, DIN, EN, IEC, JIS)
- Tests multiple battery chemistries; Flooded, AGM and GEL

**Specifications**

- Code: 191003
- Description: Century MDX-P300 Battery Tester
- Weight: 0.499kg
- Accessories Included: Integrated printer, 1.2m cables

**PBT-200**

A great choice for the professional, providing fast and accurate battery, starter and charging system test results in seconds. The PBT-200 incorporates all of the benefits of OEM testing technology and provides a simple and portable testing solution.

**Additional Features**

- Tests batteries from 200-850 CCA
- Accurate test decision in seconds
- High/low voltage capture for starter/charging system testing
- No user interpretation required
- Bad cell detection
- Voltmeter mode for starter and charging systems

**Specifications**

- Code: 191002
- Description: Century PBT-200 Battery Tester
- Weight: 0.427kg

For more information on the complete range of Midtronics testing equipment contact your Century representative on 1300 362 287
FBT-50

The FBT-50 provides a simple, fast, safe and accurate testing solution for powersports batteries using the proven technology adopted by Motorcycle OEM service dealers throughout the world.

It provides test results in seconds without the need for user interpretation for on the spot condition of health and state of charge decisions. Suitable for use on all 12v motorcycle, scooter, ATV and personal watercraft batteries, the FBT-50 tester incorporates a live voltmeter mode for estimating starter and charging system output.

Additional Features
- Accurate battery test decision in seconds
- Live voltmeter mode
- Tests discharged batteries
- Durable design for use in workshop or field
- 10 - 500 CCA
- 2.3 - 30 Ah

Specifications
- Code: 191000
- Description: SCP-100 VRLA Battery Tester
- Weight: 0.427kg
- Warranty: 12 months

SCP-100

The SCP-100 conductance tester provides a simple method of testing and screening the state of health of sealed lead acid batteries. Designed to test batteries used in security and fire alarm systems, emergency lighting, mobility vehicles and small ups systems, the SCP-100 provides fast accurate results to ensure the operation of critical systems despite power loss.

Includes specialised clamps designed for use with a wide variety of terminal and post types, including Tab terminals, and a true Kelvin connection for repeated accurate battery testing.

Additional Features
- Simple easy setup and use.
- Quick test results
- Patented conductance technology minimises risk & battery stress
- IEEE standard for testing lead-acid batteries
- 6V and 12V batteries
- Tests up to 55Ah

Specifications
- Code: 191001
- Description: FBT-50 Powersports Battery Tester
- Weight: 0.427kg
- Warranty: 12 months

For more information on the complete range of Midtronics testing equipment contact your Century representative on 1300 362 287
FAQ’s Understanding your product

For more information and assistance regarding the range of Midtronics battery testing equipment speak to your Century Batteries representative. They can provide training and answer questions to help you get the most from your Midtronics equipment.

The following are answers to some frequently asked questions:

**Q** What is Conductance technology?

**A** Conductance is an electrical measurement that determines the ability of a battery to transmit current through its internal structure. High relative conductance indicates a healthy battery as conductance declines when a battery deteriorates. Conductance measurement can be used to predict a batteries state-of-health and provide a reliable prediction to it’s end of life.

**Q** How do I know which tester is the most suitable?

**A** Each Midtronics tester has distinct performance features and benefits. The most suitable tester is dependant on your business requirements and your Century representatives can work with you to identify the most appropriate tester.

**Q** What happens if my tester stops working?

**A** Midtronics testing equipment is covered against faulty materials and workmanship for 12 months. In the event that it fails to operate correctly, Century will supply a free of charge loan tester whilst your original tester is repaired. Your repaired unit will be returned and carry the balance of the original 12 month warranty.

**Q** Who can I contact for assistance and advice regarding my testing equipment?

**A** Your Century battery specialist is on hand to answer any questions and provide assistance regarding your testing equipment.

**Q** If my tester identifies a battery as being faulty does this automatically qualify as a warranty?

**A** No. Incorrect installation, commercial applications and failure to maintain a battery will affect battery life. For a Century battery to be presented as a warranty, you must follow Century’s Qualify, Quantify, Satisfy chart. It is in you and your customers’ best interest to understand why the battery has failed to avoid a reoccurrence of the problem.

**Q** I have determined that the battery is faulty – Do I dispose of it myself?

**A** No. Any suspect batteries should be retained by you for a Century Batteries representative to assess and where appropriate process for recycling.

**Q** What if I want a tester that isn’t featured in this brochure?

**A** Century Batteries supplies the complete range of Midtronics testing and diagnostic equipment. Please contact your Century specialist for more information on Midtronics testing equipment not featured in this catalogue.
Midtronics testers are available in Australia through Century Batteries Pty Ltd.

For more information contact your nearest state office or call 1300 361 161.

State Offices

Queensland
37-65 Cobalt Street
Carole Park QLD 4300
F 07 3361 6705
P 07 3361 6700

New South Wales
42-46 Mandarin Street
Villawood, NSW 2163
F 02 9754 9213
P 02 9754 9200

Victoria
42-46 Dunlop Road
Mulgrave, VIC 3170
F 03 8541 4406
P 03 8541 4400

South Australia
8 Symonds Street
Royal Park, SA 5014
F 08 8447 0808
P 08 8447 0800

Western Australia
163 Abernethy Road
Belmont, WA 6984
F 08 9475 8905
P 08 9475 8900

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Derwent Park
Hobart, TAS 7009
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P 03 6272 5334