

A large, grey and black Midtronics DCA-8000P diagnostic charging system is shown in a workshop setting. The device has a large touchscreen display on the front showing a battery test interface. It is connected to a vehicle's battery via heavy-duty cables. A smaller version of the device is mounted on a black trolley with two large wheels and two smaller front casters.

# Midtronics DCA-8000P

Testing & Charging in one unit

Test 12V batteries with high levels of accuracy without entering any battery data prior to performing the test. Perfect for performing accurate battery tests where time is of the essence.

## Rapid, Accurate Battery Diagnosis

See the battery's true condition and state of health with advanced battery diagnostics. DCA uses a 4 step process to diagnose 12V batteries in under 2 minutes.

### Step 1 - Conductance

Measuring the ability to crank the engine

### Step 2 - Conductance Profiling

Measures the battery's ability to provide power over time using the 500a Load

### Step 3 - Dynamic Charge Acceptance

The battery's ability to accept charge current

### Step 4 - Further Diagnostics

Load test, recovery charge and monitoring - Conductance

## Diagnostic Charging

Once the test has been completed, DCA will use its 70A charge brick to efficiently charge the battery.

## Key Features

Part No: 15001052

- ✓ 4 Step Testing Process
- ✓ 70A Diagnostic Charging
- ✓ Heavy Duty Cables
- ✓ Hands Off Maintenance
- ✓ Modern Interface
- ✓ Supplied with Trolley

## Greater Accuracy

DCA is fitted with the latest battery testing technologies to provide you with comprehensive fault detection and diagnostics. This includes Charge Acceptance, defect and degradation, cold battery, deep discharge, stratification and internal battery temperature.

## Future Proof

As vehicles, electrical systems and battery technologies continue to evolve and become more complex, diagnostic technologies must be able to keep up. DCA can receive software updates over the air and is fitted with advanced technologies such as conductance profiling

5" Colour Touchscreen

70A Charging

Wi-Fi Connectivity

Integrated Printer

Workshop Trolley

### Supported 12V Batteries

Flooded, AGM Flat & Spiral, EFB & GEL

### Safety Features

Reverse Polarity, Low voltage & High Temp detect

### Cables

3 Metre heavy duty cable with toughened clamps

### Dynamic Charge Accept

Mimics start events to enable quick diagnosis

Dual Temperature Sensors

Dynamic Charge Acceptance

Dual Temperature Sensors

User Replaceable Cables

Optional VIN Barcode Scanner

### Self Diagnostics

Instant Tool warnings and recommendations

### Workshop Trolley

Transport DCA with ease around your workshop

## Hands off Maintenance

Thanks to DCA's innovative design, battery maintenance couldn't be easier. Simply enter the battery data using the crisp intuitive touch screen display and let DCA handle the rest. Battery faults will be diagnosed in 2 minutes or less and if the battery requires charging, DCA will immediately start charging the battery as efficiently as possible.

## Modern Interface

Entering battery information and viewing test analytics doesn't have to be difficult. Fitted with a 5" crisp touchscreen you can easily view, send and analyse data with ease. Connect DCA to your workshops Wi-Fi and receive over the air updates and be able to send test data straight to your customers.



# Specifications

<b>Supported Battery Types - Testing</b>	Flooded Lead-Acid, AGM, EFB & GEL
<b>Supported Battery Types - Charging</b>	Flooded Lead-Acid, AGM, EFB, GEL & Lithium
<b>Testing Procedure</b>	Advanced 4 Step Testing Process
<b>Charging</b>	70A
<b>Safety Features</b>	Reverse Polarity Protection, Clamp Connection Error Detection, Non 12V Battery Detection & Clamp High Temp Detection
<b>Screen</b>	5" Colour Touch Screen
<b>Cables</b>	3 Metre Heavy Duty
<b>User Input</b>	Touchscreen
<b>Temperature Sensor</b>	In Clamps
<b>Data Recording</b>	In Built Printer & WiFi

## Accessories



### Replacement Cables

Available in 3 & 5  
Metre variants



### Printer Rolls

Available in packs  
of 5 or 20