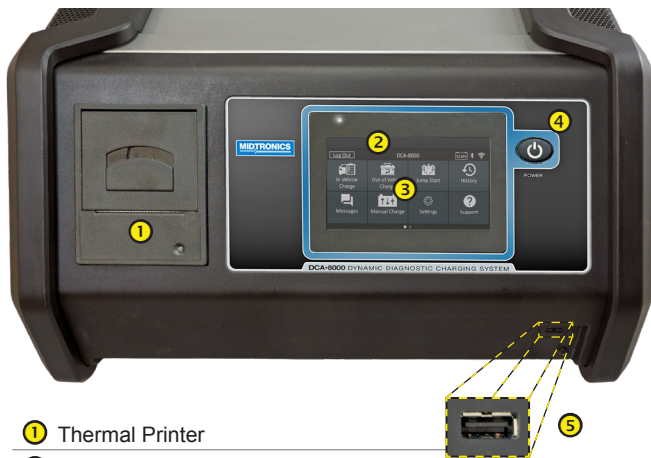


Front View



- ① Thermal Printer
- ② Main Bar
 - 12.65V Battery Voltage (if connected)
 - Bluetooth Connectivity Status
 - WiFi Signal Strength
 - Controller Internal Battery Status
- ③ Touch Screen-Main Menu
- ④ Charger Power Button
- ⑤ USB Port (not used)

Charging Cables

1. Insert the communication cable.
2. Insert and rotate the charge cable quick connectors clockwise 180° to lock them onto the Quick Connector Locking Post on the charger.



3. The connection process is complete when all three cables are connected to the charger.

Locking Power Cord

Pull back on the red tab on the side of the connector to release/remove the power cord from the charger's power socket.



Additional Screens

The dots at the bottom or side of a menu or results screen indicate additional screens are available.



Menu Icons

Icon	Description
In Vehicle Charge	Automates battery testing for quickly testing vehicles using the fewest steps.
Out of Vehicle Charge	For testing out-of-vehicle customer batteries for possible return.
Jump Start	Makes high output current available to boost charge an in-vehicle battery and assist in starting the engine.
History	Access archived test histories or search test history by technician.
Messages	Displays alerts and notifications for upcoming tests and activities including scheduled tests, tool software updates and maintenance opportunities.
Manual Charge	Provides a timed charge that ranges from 5 to 120 minutes or a continuous charge that ends when STOP is pressed.
Settings	Setup/adjust: WiFi, printer setup, email settings, user info, default language, display/sound settings, BMIS, shop info, connected devices, tool software version.
Support	Access the analyzer Self-Test and a digitized version of the Instruction Manual that was shipped with the analyzer.
Refresh	Evaluates and maintains battery voltage at 13.5 volts to provide uninterrupted reprogramming and retention of a vehicle's system settings.

⚠ DANGER	⚠ WARNING
<p>Risk of explosive gases</p> <p>Batteries generate explosive gases during normal operation, and when discharged or charged. Follow all manufacturers' instructions and BCI (Battery Council International) safety recommendations.</p>	<p>Wash hands after handling.</p> <p>REQUIRED BY CALIFORNIA PROP. 65: Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.</p>

At any time during the test tap ◀ to return to the previous screen or 🏠 to return to the Main Menu.

In Vehicle Charge

1. Connect the charger clamps to the appropriate battery posts.
2. At the Main Menu tap **In Vehicle Charge**. The Acquire VIN screen is displayed.
3. Use the on-screen keypad to manually enter the 17-digit VIN, or enter the Year, Make, and Model of the vehicle being tested, and tap **Next**.
4. The Edit Battery Information screen displays vehicle and battery information based on the VIN and tap **Next**.
5. Tap the box across from each displayed parameter and select the correct information from the displayed list.
6. Tap **Next** to begin the test. Results are displayed on the charger screen.

System Test

1. Start the engine and let it idle.
2. Turn off all electrical accessories such as headlights and the interior ventilation blower fan and tap **Next**.
3. The analyzer tests the alternator output at idle.
4. When prompted, rev and hold the engine to between 2000 to 3000 RPM and tap **Next**. The analyzer tests the alternator output again.
5. When prompted Idle the engine.
6. Turn on the high beam headlights and interior ventilation blower motor and tap **Next**.
7. The analyzer tests the alternator output at idle. When prompted, rev and hold the engine to between 2000 to 3000 RPM and tap **Next**.
8. The analyzer tests the alternator output again.
9. When prompted turn off all loads and Idle the engine.
10. Tap **Next** to display the test results.

A Test Results - Summary screen is displayed following a System Test. Tap > to view detailed test results for each part of the test.

To send the test results to a configured printer or via email tap **Send Results** and select an option. To return to the Home Screen, tap **Done** or 🏠 to return to the Main Menu.

Out Of Vehicle Charge

1. Connect the charger clamps to the appropriate battery posts.
2. At the Main Menu tap **Out Of Vehicle Charge**. The Edit Battery Information screen is displayed.
3. Tap the box across from each displayed parameter and select the correct information from the displayed list.
4. Tap **Next** to begin the Battery Test or **Reset** to return to the default settings.

The charger performs a series of tests to determine the overall condition of the battery before applying a charge. Those steps include measuring the ambient battery temperature, Cranking Health, Reserve Capacity, Charge Acceptance, and applying a Load Test to the battery.

5. The test results are then displayed on the charger screen.

Manual Charge

1. Connect the Diagnostic Device test clamps to the battery.
2. At the Main Menu tap **Manual Charge**. The Edit Battery Information screen is displayed.
3. Enter the battery information and charging parameters.

If the displayed information is correct, tap **Continue** to begin the Manual Charge. Tap on the corresponding box to edit the parameter information.

4. The Manual Charge results are displayed on the charger screen.

To send the test results to a configured printer or via email tap **Send Results** and select an option. To return to the Home Screen, tap **Done** or 🏠 to return to the Main Menu.

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