

## SMART MOTORCYCLE BATTERY ANALYSER

### CBT - 301 IN MC



*Fast ! Safe !! Accurate !!!*



- Midtronics Inc, USA is the world no. 1 in battery management innovation.
- Since inception in 1984, Midtronics Inc, USA has held relentless singular focus of developing technologies and innovations for improving the ways batteries are tested as well as managed.
- Midtronics Inc, USA Advancing of Battery Management Battery & electrical Diagnostic & Charging equipment is the most reliable & powerful in the industry by closely with leading vehicle OEMs & Aftermarket parts & service providers.

### Inspecting the Battery :

Before starting the test visually inspect the battery for:

- Cracked, buckled, or leaking case. If you see any of these defects, replace the battery.
- Corroded, loose, or damaged cables and connections. Repair or replace them as needed.
- Corrosion on the battery terminals, and dirt or acid on the case top. Clean the case and terminals using a wire brush and a mixture of water and baking soda.
- Low electrolyte level. If the electrolyte level is too low, add distilled water to fill up to ½ inch above the top of the plates and fully charge the battery. Do not overfill.
- Corroded or loose battery tray and hold-down fixture. Tighten or replace as needed.

### BLUETOOTH PAIRING

- 1 Connect CBT device to Battery Red (+ve) & Black (-ve)
- 2 Tester will display "Bluetooth Ready Press Enter/ Cancel"
- 3 Pair CBT device with your mobile Bluetooth "BT Pair done"
- 4 Download & Install "CBT 301 App from Play Store"
- 5 Open the App and click "Get Report" button "BT Connected"
- 6 Remove both clamps and Re-connect the clamps to test the battery

### BATTERY TESTING

- 1 Tester will display "Bluetooth Ready Press Enter/ Cancel."
- 2 Select Battery Ref #, Press Enter
- 3 Tester will display battery results
- 4 Send Data to BT Yes/NO. Press Enter for YES
- 5 Open CBT App and Click "Get Report" button
- 6 Scan/Enter the Battery serial number, Press "Get results"
- 7 Get battery Results. Click Share icon to Share results via Whatsapp/ Gmail.,etc
- 8 Click HOME button to test next battery

## Battery Test Results

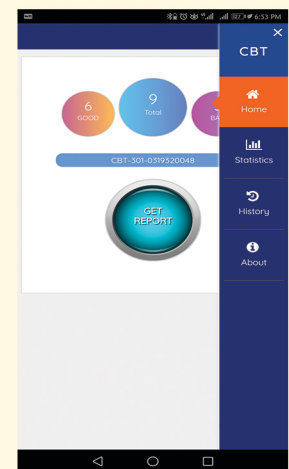
Decision	Interpretation
GOOD BATTERY	Return the battery to service.
GOOD-RECHARGE	Fully charge the battery and return it to service.
CHARGE & RETEST	Fully charge the battery and retest. <b>Failure to fully charge the battery before retesting may cause inaccurate results. If CHARGE &amp; RETEST appears again after you fully charge the battery, replace the battery.</b>
REPLACE BATTERY	Replace the battery and retest. A REPLACE BATTERY result may also mean a poor connection between the battery cables and the battery. After disconnecting the battery cables, retest the battery by cleaning the terminal properly before replacing it
BAD CELL-REPLACE	Replace the battery. Risk of explosive gases. Can cause death or serious personal injury. <b>Never attempt to charge a battery with a bad cell. The battery must be replaced.</b>
FROZEN BATTERY	The battery being tested is frozen. Allow battery to thaw before attempting test.

## Technical Specifications

Housing	Material: Acid resistant ABS plastic Size: 150 x 95x 30mm Weight: 230g
Buttons	Three buttons – UP, DOWN, ENTER
Display	128 * 32 dot matrix, 2 lines
Power	Powered by tested battery
Cables and Clamps	18" 18-2 SPT cables, terminated with Kelvin clamps. Reverse polarity protected
Bluetooth	YES
Operating Voltage Range	8.0V to 15.0V
Operating Temperature Range	0°C to +50°C (32°F to +122°F)
Battery Test Decisions	Good Battery, Good Recharge, Charge Retest, Replace Battery, Bad Cell
Measured Data	CCA (measured conductance), Voltage



 **Bluetooth**



PLEASE CONTACT FOR YOUR REQUIREMENT:



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Battery Management

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