TECHNICAL DATA SHEET

RoHS Compliant

12V BATTERY TESTER MODEL: D03406

This battery tester is designed to test the condition of the automotive battery using conductance method. Unlike the conventional method of draining the battery by applying resistance load to it and obtain the result from the meter gauge; this analyser utilizes a series of pulsed voltage across the battery cells and observes the AC current that flows in response to it.

The benefits of this test method are:
Conductance correlates directly to the battery capacity
Passive testing method is safe
Never discharges or drain the battery
Tests the condition of discharged battery
Consistent and repeatable results
Provides unique indication of battery conditions
Checks alternator charging and starter cranking conditions
Maintenance-free and no internal batteries required
Powers up when connected to the battery posts during testing

Key Features:
Tests 12V sealed, lead acid batteries down to 2Ah and 12V Lithium batteries for vehicles, motorcycles and scooters
Accurate results in milliseconds
Battery life analysis vehicle and scooters
Analysis result: Good or Replace
Large easy to read LCD display
Test results based on JIS, EN, DIN, SAE and IEC standards
Languages: English, German, Spanish, French, Dutch, Italian
Vehicle cranking system test - cranking time, voltage and status
Vehicle charging system test - load voltage, unloaded voltage, ripple status and charging system status
Store the testing result
Print function via PC printer

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Functionality:
Test Result: Good or Replace
Capacity - Cold Cranking Amps (CCA), DIN, EN and IEC information relative to battery rating.
Internal resistance value (mΩ) / Life in percentage (%) / Cranking system / Charging system

Application:
Use to test a wide range of 12V batteries (Starting [SLI], Deep Cycled and Marine) of Wet (Flooded), VRLA or Maintenance Free (MF), Sealed Maintenance Free (SMF), Absorption Glass Mat (AGM) and GEL cell. Lithium-ion batteries, The major battery standards JIS, SAE, EN, DIN and IEC are supported.

Operating Parameters:
System voltage: 12 Volts, Input voltage range: 9V~15V
Power requirements: No internal batteries required. Power on when hooked up during testing.

Testing Range:
Lithium-ion - CCA/BCI/CA/MCA/ EN/SEA-20-1000, DIN/IEC-20-700, GB-2-120 Ah
Lead acid - CCA/BCI/CA/MCA/ EN/SEA-20-2000, DIN/IEC-20-1400, GB-2-220 Ah

Battery Testing Range

Scooter		Vehicle	
Measure Standard	**Measure Range**	**Measure Standard**	**Measure Range**
CCA	20-1000	CCA	100-2000
BCI	20-1000	BCI	100-2000
CA	20-1000	CA	100-2000
MCA	20-1000	MCA	100-2000
JIS	26A17-150F51	JIS	26A17-245H52
DIN	20-700	DIN	100-1400
IEC	20-700	IEC	100-1400
EN	20-1000	EN	100-1400
SAE	20-1000	SAE	100-1400
GB	2-120	GB	30-220