

Since 1976
DHC®



**BATTERY & ENERGY
MANAGEMENT SOLUTIONS
2021 CATALOG**

www.dhctesters.com

Patented **Single Load, Dynamic Resistance Technology** minimizes battery drain during test. You will never be fooled by conditions such as surface charge, parasitic drain & contact impedance.

Test multiple lead acid battery builds including AGM Flat Plate, AGM Spiral & START-STOP.

- Test both charged and discharged batteries.
- Operation Temperature: 32° F - 122° F (0° C - 50° C)
- Test based on **CCA, DIN, EN, IEC & JIS (Battery Type No.)** ratings, the global industry standards for batteries.
- DHC Testers provide state of health and state of charge battery tests, starting tests and charging system tests.

Battery Tester Selection Guide

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BATTERY TESTERS

****OPTIONAL ITEMS
FOR THE BT2000
AND THE BT2100**



**AMP CLAMP
PART NUMBER
1019309201**
• BT2000 Series Accessory



**VOLT PROBE
PART NUMBER
1027241801**
• BT2000 Series Accessory

***INCLUDES CARRYING CASE**



	BT2100 BATTERY TESTER	BT2000 BATTERY TESTER	BT2010 BATTERY TESTER	RT777 PRO BATTERY TESTER
APPLICATION	*BT2100 6V & 12V Battery Tests 12V & 24V Electrical System Tests CCA (SAE): 40 - 3000 CCA DIN : 25-1300 CCA IEC : 30-1500 CCA EN : 40-2100 CCA JIS: Battery No.	*BT2000 6V & 12V Battery Tests 12V & 24V Electrical System Tests CCA (SAE): 40 - 3000 CCA DIN : 25-1300 CCA IEC : 30-1500 CCA EN : 40-2100 CCA JIS: Battery No.	*BT2010 6V & 12V Battery Tests 12V & 24V Electrical System Tests CCA (SAE): 40 - 3000 CCA DIN : 25-1300 CCA IEC : 30-1500 CCA EN : 40-2100 CCA JIS: Battery No.	*RT777 PRO 6V & 12V Battery Tests 12V & 24V Electrical System Tests CCA (SAE): 40 - 2000 CCA DIN : 25-1300 CCA IEC : 30-1500 CCA EN : 40-2100 CCA JIS: Battery No.
WARRANTY	12-MONTHS	12-MONTHS	12-MONTHS	12-MONTHS
MULTI-LANGUAGES	YES	YES	YES	YES
BATTERY TYPE	START STOP AGM & EFB REGULAR FLOODED AGM FLAT PLATE AGM SPIRAL GEL	START STOP AGM & EFB REGULAR FLOODED AGM FLAT PLATE AGM SPIRAL GEL	START STOP AGM & EFB REGULAR FLOODED AGM FLAT PLATE AGM SPIRAL GEL	START STOP AGM & EFB REGULAR FLOODED AGM FLAT PLATE AGM SPIRAL GEL
GRAPHICAL SOC AND SOH DISPLAY	YES	YES	YES	YES
TEST DISCHARGED BATTERY	DOWN TO 1.5V	DOWN TO 1.5V	DOWN TO 1.5V	DOWN TO 1.5V
VOLTMETER / OPERATING RANGE	1.5V - 30V	1.5V - 30V	1.5V - 30V	1.5V - 30V
TEMP SENSOR	YES	YES	NO	NO
PERSONALIZATION	5 LINE 16 CHARACTER	5 LINE 16 CHARACTER	5 LINE 16 CHARACTER	4 LINE 16 CHARACTER
BUILT IN PRINTER	YES	YES	YES	YES
TEST COUNTER	YES	YES	YES	YES
TEST LEAD / CABLES	180 cm (70 inches) FIELD REPLACEABLE CABLE	180 cm (70 inches) FIELD REPLACEABLE CABLE	180 cm (70 inches) FIELD REPLACEABLE CABLE	180 cm (70 inches) FIELD REPLACEABLE CABLE
OPTIONAL EQUIPMENT	**AMP Clamp, Volt Probe	**AMP Clamp, Volt Probe	NONE	NONE
DATA TRANSMISSION	YES (Cable to USB)	YES (Cable to USB)	NO	NO
APP / CLOUD CAPABLE	YES	NO	NO	NO
BLUETOOTH TRANSMISSION	YES	NO	NO	NO
ANDROID / IOS APP	YES	NO	NO	NO
VIRTUAL KEYBOARD	YES	NO	NO	NO
COLOR CHANGING SCREEN	YES	NO	NO	NO

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RT777 PRO

Battery Tester & Electrical System Analyzer



The RT777 PRO is a professional level tester which is upgraded from previous RT777 model. A full upgrade from inside to outside offers a more accurate measurement, easier readout and a durable casing design to meet the standard of automotive industry.

RT777 PRO FEATURES:

- *Easy-to-Read Intuitive Interface*
- *Complete Test Report & Fully Customizable Printout*
- *4 Color LCD different colors for different test results.*
- *Start/Stop & System Test Available. Includes latest LN series Start/Stop batteries.*
- *Combine Battery Test & System Test into a single task, providing a printout with a complete test result.*
- *Temperature compensation above/below 0°C (32°F)*
- *Detachable Cable for Easy Maintenance*
- *12 Month Limited Warranty*

Included Accessories:

Printing Paper / Hard Case / Detachable Test Lead / AA Batteries

RT777 PRO Specifications:

Test Range:	CCA: 40-2000
Application:	6V & 12V Batteries 12V Start/Stop Batteries 12V & 24V Electrical Systems
Voltage Range:	1.5Vdc - 30Vdc
Cable Length:	5.9 Feet / 180CM
Vehicle Types:	Automotive START-STOP Regular Flooded
Operating Temp:	0° C to 50° C (32° F to 122° F)

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BT2010

Battery Tester & Electrical System Analyzer

The BT2010 is an advanced diagnostic tool that is accurate, fast and affordable. The tester is designed for use on START-STOP battery systems with the added value of testing traditional automotive batteries and electrical systems.

BT2010 FEATURES:

- *Easy-to-Read Intuitive Interface*
- *Complete Test Report & Fully Customizable Printout*
- *Enhanced Flooded Battery (EFB) & AGM Test Availability*
- *Replaceable / Detachable Test Cables*
- *Reverse Polarity Protection*
- *12 Month Limited Warranty*

Included Accessories:

Printing Paper / Hard Case / AA Batteries



BT2010 Specifications:

Test Range:	CCA: 40-3000
Application:	6V & 12V Batteries 12V & 24V Electrical Systems
Voltage Range:	1.5Vdc - 30Vdc
Cable Length:	5.8 Feet / 1.8M
Vehicle Types:	Automotive START-STOP
Battery Types:	Regular Flooded AGM Flat Plate AGM Spiral Gel Enhanced Flooded AGM (START-STOP)
Operating Temp:	0° C to 50° C (32° F to 122° F)

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BT2000

Battery Tester & Electrical System Analyzer

The BT2000 is an advanced diagnostic tool that is accurate, fast and affordable. The tester is designed for use on START-STOP battery systems with the added value of testing traditional automotive batteries and electrical systems.

BT2000 FEATURES:

- *Easy-to-Read Intuitive Interface*
- *Complete Test Report & Fully Customizable Printout*
- *Advanced HTML Interface to Fully Utilize Test Data via USB Cable*
- *Enhanced Flooded Battery (EFB) & AGM Test Availability*
- *Detachable Cable for Easy Maintenance*
- *12 Month Limited Warranty*

Included Accessories:

Printing Paper / Hard Case / Software / USB Cable / AA Batteries



BT2000 Specifications:

Test Range:	CCA: 40-3000
Application:	6V & 12V Batteries 12V & 24V Electrical Systems
Voltage Range:	1.5Vdc - 30Vdc
Cable Length:	5.9 Feet / 180CM
Vehicle Types:	Automotive START-STOP
Battery Types:	Regular Flooded AGM Flat Plate AGM Spiral Gel Enhanced Flooded AGM (START-STOP)
Operating Temp:	0° C to 50° C (32° F to 122° F)

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DHC® BT2100

Battery Tester & Electrical System Analyzer

The BT2100 is an advanced diagnostic tool that is accurate, fast and affordable. Utilizing an app and internal Bluetooth, the test results can be sent to the customer via text or email message. The tester is designed for use of testing traditional automotive batteries and electrical systems with the added value of START-STOP battery systems.

BT2100 FEATURES:



- *Easy-to-Read Intuitive Interface*
- *Complete Test Report & Fully Customizable Printout*
- *Advanced HTML Interface to Fully Utilize Test Data*
- *Enhanced Flooded Battery (EFB) & AGM Test Availability*
- *Virtual Keyboard*
- *Easy-Link Communication to PC via USB*
- *Wireless Transmission*
- *DHC Sync BT2100 Mobile App + Bluetooth*
- *Detachable Cable for Easy Maintenance*
- *12 Month Limited Warranty*



Included Accessories:

Printing Paper / Hard Case / Detachable Test Lead / AA Batteries



BT2100 Specifications:

Test Range:	CCA: 40-3000
Application:	6V & 12V Batteries 12V & 24V Electrical Systems
Voltage Range:	1.5Vdc - 60Vdc
Cable Length:	5.9 Feet / 180CM
Vehicle Types:	Automotive START-STOP
Battery Types:	Regular Flooded AGM Flat Plate AGM Spiral Gel Enhanced Flooded AGM (START-STOP)
Operating Temp:	0° C to 50° C (32° F to 122° F)

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BT2000HD

Heavy Duty Truck Battery & System Tester

Specializing in Advanced Battery & Electrical Diagnostics
Designed exclusively for the heavy duty commercial and fleet market. DHC is excited to introduce the BT2000HD advanced heavy duty battery/electrical systems test platform with DHC "SMART" HTML PC interface.

BT2000HD FEATURES:

- *Easy-to-Read Intuitive Interface*
- *Complete Test Report & Fully Customizable Printout*
- *Advanced HTML Interface to Fully Utilize Test Data via USB Cable*
- *"SPEED CHECK" To Test Battery Packs, Individual Batteries and Electrical Systems.*
- *12 Month Limited Warranty*

Featuring patented single load, dynamic resistance technology that provides accurate results for the HD repair, mobile truck and trailer diagnostics. The BT2000HD is professionals first choice when working on commercial vehicles, heavy duty equipment, semi trucks, tractor trailers, buses and recreational vehicles.



BT2000HD Specifications:

Test Range:	CCA: 100-6000 DIN: 60-1685 IEC: 70-1985 EN: 100-2830 JIS: By Part No.
Voltage Range:	1.5Vdc - 60Vdc
Cable Length:	14.8 Feet / 450CM
Application:	Automotive/LTV Group 31 Commercial PowerSport
Operating Temp:	0° C to 50° C (32° F to 122° F)

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BT238

Printerless Battery / Starter / Charging System Tester

The BT238 is designed for the professional and made affordable for the DIY customer! The BT238 offers accurate measurement, easy-to-read large LED number/text display and a durable casing design to meet the standard of automotive industry.

BT238 FEATURES:

- *Microprocessor Controlled*
- *No Heat & Spark*
- *Auto Power Off*
- *Easy-to-Read 4 Digital 7 Segment LED Number/Text Display*
- *Easy to Understand 4 LED Battery Status Indicators*
- *Accurate Test Results in 2 Seconds*



BT238 Specifications:

Test Range:	CCA: 100-1200
Battery Tests	CCA, EN, IEC, DIN, CA
Application:	12V SEAL(GEL), SLI, AGMS(SPL), AGMF(FLAT) Battery 12V Charging/Starting System
Voltage Range:	7Vdc - 15Vdc
Dimensions:	L125xW75xH22
Operating Temp:	0° C to 50° C (32° F to 122° F)

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OCV5

Digital Battery & Alternator Mini Tester

Designed for easy user friendly use, the OCV5 advanced voltmeter provides a quick easy battery and alternator test. Featuring an easy-to-read display and LED indicators, it can be used to test 6, 12, 24 volt battery and 12 volt alternator, giving a quick and accurate test.

Featuring simple instructions and easy to read backlit display, it is the perfect battery and alternator diagnostic tool for the DIY or service professional.

BT238 FEATURES:

- *Easy-to-Read Backlit Meter*
- *LED Indicator for Alternator Test*
- *Compact Pocket Design*
- *Reverse Polarity Protection*
- *Over-Voltage Protection*



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DHC PART NUMBER		DESCRIPTION
Parts and Accessories		
RT777 Series		
R771		6' Replacement Cable Lead - RT777
R773		Battery Cover
R774		Paper Cover (Clear)
100B701006		Paper Cover (Smoke)
R775		Cable Cover
324BT1000000		Replacement Cable - RT777PRO
BT2000 Series		
R201		6' Replacement Cable Lead
320B200004		15' Replacement Cable Lead - BT2000HD
324BT1000000		Replacement Cable - BT2100
R773		Battery Cover
10122000000		Printer Roller
1019309201		Amp Clamp
1027241801		Probe
Printer Paper		
350B701000		2 1/4" Thermal Printer Paper

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