



# DHC BT002

Digital Battery / Charging / Starting  
System Analyzer



## Why battery testers are needed?

- To evaluate the battery condition:
  - **To avoid the circumstance not able to start your vehicle**
  - **To support battery warranty programs**
    - It becomes more and more commonly viewed as a standard check item in car service centers.
  - **To increase battery sales.**
    - Preventative maintenance
    - Warranty management
    - Aftermarket service



## The Opportunity

- Make it an investment!
  - Fast retrieve of the cost
  - Double your battery and electrical business just by making a simple, minutes test part of your daily inspection routine
  - **Sales** ↑ & **Profit** ↑





## Why DHC battery testers?(1/3) - DHC Patented Technology

- **DHC Single Load, Dynamic Resistance Technology:**
  - **Applies heavy load to the tested battery with a transient discharging current up to 100Amp.**
    - Similar to real behavior of the starting battery in the vehicle.
    - Similar to the recommended way (load test) of judging a battery that stated in BCI's "BATTERY SERVICE MANUAL".
  - **Minimizes battery drain during test**
    - Never fooled by conditions such as surface charge, parasitic drain & contact impedance.
  - **Improves daily garage service efficiency**
    - Good in-vehicle test technology



## **Why DHC battery testers?(2/3)**

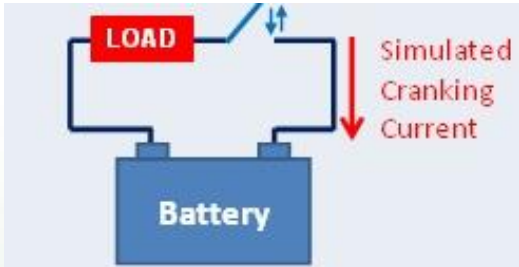
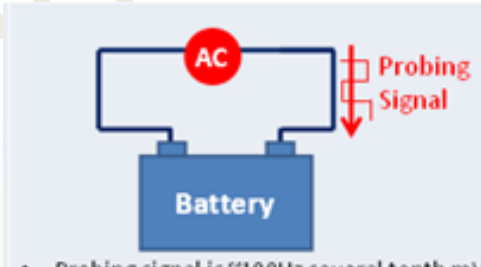
### **- Features of DHC digital battery testers**

- **Easy to use interface**
- **No heat problem**
- **Available to perform serial tests**
- **Test multiple lead acid battery builds including AGM flat plate & AGM spiral**
- **Test both charged & discharged batteries down to 1.5 V.**
- **Test based on SAE, DIN, EN, IEC & JIS international battery industry ratings**
- **Fast diagnosis: In 2 seconds, DHC testers show recommended actions**





## Why DHC battery testers?(3/3)

	DHC	Competitor M
Technology	Single Load, dynamic resistance technology (SLDR)	Conductance technology
Test scheme	 <ul style="list-style-type: none"> <li>Simulated current is up 100 Ampere</li> </ul>	 <ul style="list-style-type: none"> <li>Probing signal is ~100Hz several tenth mV</li> </ul>
Conclusion	DHC's technology reflects the true condition of the tested battery (the load test method is stated in BCI's service manual) and gets a more accurate in-vehicle test result.	Competitor M analyzes the tested battery condition with a probing small signal, which may be affected by some in-vehicle electronic devices, especially when the car just reaches the garage, in the case that the surface charge may blind the tester.



# Product Introduction

## BT002



# BT002

## Digital Battery / Charging / Starting System Analyzer



<b>Model Number</b>	<b>BT002</b>
Application	6V & 12V Battery / 12V & 24V Charging/Starting System
Voltmeter	1.5V ~ 30V
Operating Range	40 ~ 2,000 CCA (SAE)
Dimensions (mm)	L190 x W115 x H50





# BT002 Features Highlight



Boot

LCD display

Directional keys



## BT002 Features (1/2)



### ■ ACCURATE

#### ◆ Patented Single Load, Dynamic Resistance Technology

- To deliver the most accurate in-vehicle test result
- Never be fooled by conditions such as surface charge, parasitic drain and contact impedance

### ■ Safe & Reliable

#### ◆ Multiple Protection Design

- Over temperature/ Over Current/ Over Voltage protection
- Reverse poles protection
- Short clamp protection



## BT002 Features (2/2)

### ■ FAST & EASY USE

#### ◆ “SPEED CHECK”: Easy-to-Read Intuitive Interface

- To increase test throughput in high volume shop.

#### ◆ Back-Lit Display

- LCD display
- 2 lines 16 characters

BATTERY TEST   
12.60V

GOOD & PASS   
12.61V 608SAE

BATTERY TYPE:   
URLA/GEL

SOH: 608SAE   
■■■■■■■■■■ 100%



**Thank you for being with us.**