

# LANCOL BT-T User Manual

Battery Conductance Tester BT-T adopts currently the world's most advanced conductance testing technology to easily, quickly and accurately measure the actual cold cranking amps capability of the vehicle starting battery, healthy state of the battery itself, and common fault of the vehicle starting system and charging system, which can help maintenance personnel to find the problem quickly and accurately, thus to achieve quick vehicle repair.

## Product specification:

- 1、 Application: 12V automotive cranking lead acid battery and 12v/24v car system test
- 2、 Working Environment Temp:-20°C-50°C
- 3、 Special test clip: Double conductor Kelvin clamp
- 4、 Housing Material : Acid-resistant ABS plastic
- 5、 Measure Range: 30Ah-220Ah
- 6、 Voltage Measure Range: 7-30VDC
- 7、 Measure Range:

CCA	100-2000
BCI	100-2000
CA	100-2000
MCA	100-2000
JIS	26A17--245H52
DIN	100-1400
IEC	100-1400
EN	100-2000
SAE	100-2000
GB	30Ah-220Ah

## How to use:

1. Connect the red test clamp with battery anode and the black one with cathode, the tester will power on automatically. Voltage battery below 7.0VDC can't be tested properly, then press OK key to continue.
2. According to the tester, you can press UP/DOWN key to choose:
  - ① Battery Test
  - ② Cranking Test
  - ③ Charging Test
  - ④ Review Data
  - ⑤ Print Data

### Battery Test

Healthy	100%	515CCA
Charge	75%	12.45 V
Internal R=		5.77mΩ
Rated:		400A
<b>Good Battery</b>		

### Charging Test

Charging Test	
Loaded	13.97V
Unload	14.23V
Ripple	15mV
<b>CHARGING NORMAL</b>	

### Cranking Test

Cranking Test	
TIME	1758ms
<b>CRANKING NORMAL</b>	
10.56V	