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**LANCOL
MICRO-500
Color LCD
Display
Battery Tester**



LANCOL MICRO-500 Color LCD Display Battery Tester User Manual

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LANCOL MICRO-500 Color LCD Display Battery Tester



INTRODUCTION

MICRO-500 Color LCD Display battery tester is the newest version in 2022. It adopts the world's most advanced conductance testing technology to easily , quickly measure the health of battery and system condition.

Advantage

1. LCD color screen, makes it clearer and brighter to see at night.
2. All 12V Lead-acid Batteries AGM-GEL-SPIRAL-SLI
3. Add 12V lithium battery test
4. Exclusive patent testing cable
5. Test results can be stored as a QR code
6. Continuous test without heating
7. 8 Languages:English, Russian, Simplified Chinese, Portuguese, Korean, Thai, Spanish, French

Product Specifications

1. Application: 12V Lead-acid and lithium type batteries and 12V&24V car system test
2. Measure Range

Measure Standard	Measure Range
CCA	40-3000
BCI	40-3000
CA	40-3000
MCA	40-3000
JIS	26A17–YTZ6
DIN	40-2000
IEC	40-2000
EN	40-3000
SAE	40-3000
GB(Ah)	3-360Ah

3. Working Environment Temp:-18°C-50°C
4. Special test clip Double conductor Kelvin clamp
5. Housing Material Acid-resistant ABS plastic
6. The length of testing cables: 55cm

Main functions

1. BATTERY TEST
2. CRANKING TEST
3. CHARGING TEST
4. REVIEW DATA
5. LANGUAGES
6. HELP

How To Use

CONNECTION

Connect the red test clamp with positive electrode and the black one with negative electrode, the tester will power on automatically. Voltage battery below 7.0VDC can't be tested properly, then press ENTER key to continue.



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12.47V

NOTE:
VOLT OVER 30V WILL DAMAGE THE TESTER

Connect clamps to battery electrode

Tester power on automatically

Notes: Voltage over 30V will damage the tester.

BATTERY TEST

- a). Select the charge state
- b). Select battery type

CHARGE STATE

▶ BEFORE CHARGE

AFTER CHARGE

NOTE:

1.PLS SELECT BEFORE CHARGING,
IF THE CAR JUST TURNED OFF.

2.TURN OFF MLL ELECTRICAL APPLIANCES
IM TIE CAR.

3.THE CLIP CANNOT BE CLAMPED
ON THE DOLT NUT.



BATTERY TYPE

REGULAR FLOODED

AGM BATTERY

EFB BATTERY

GEL BATTERY

12V LITHIUM BAT.

a). Select the charge state

b). Select battery type

- c). Select test standard
- d). Input rated value

SELECT STANDARD	
CCA <input checked="" type="checkbox"/>	EN ⁽²⁾
SAE	IEC
JIS	Ah
DIN	MCA
BCI	CA



SETTING RATE

580

CCA

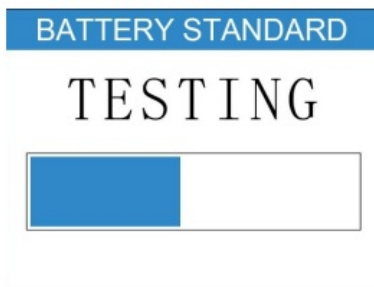
TEST RANGE:40-3000

HOLD ON THE KEY TO ADJUST QUICKLY

c). Select test standard

d). Input rated value

- e). Press "Enter" to start testing and get test results
- f). Press "Enter" to display QR code



TEMPERATURE : 26°C		
GOOD BATTERY		
HEALTHY	85%	535 CCA
CHARGE	78%	12.47V
INTERNAL R	5.59mΩ	
RATED	580 CCA	
PRESS ENTER TO DISPLAY QR CODE		

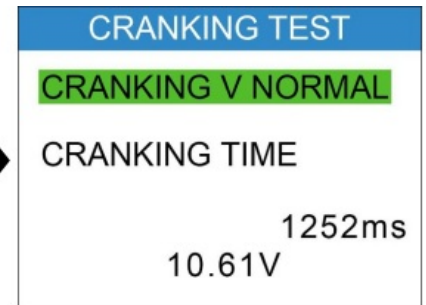
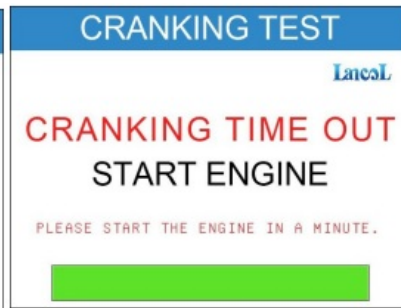
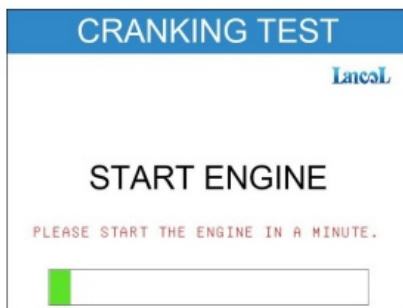


e). Press "Enter" to start testing and get test results

f). Press "Enter" to display QR code

CRANKING TEST& CHARGING TEST

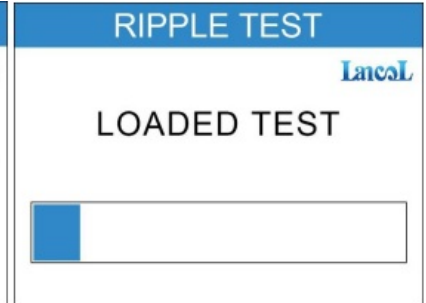
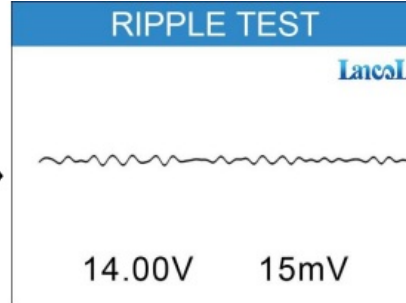
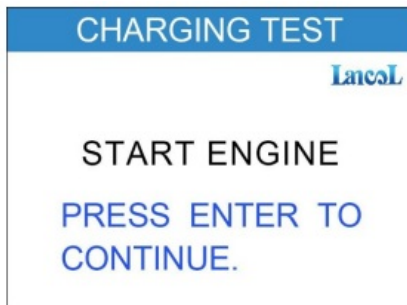
- g). Start engine
- h). Cranking test result



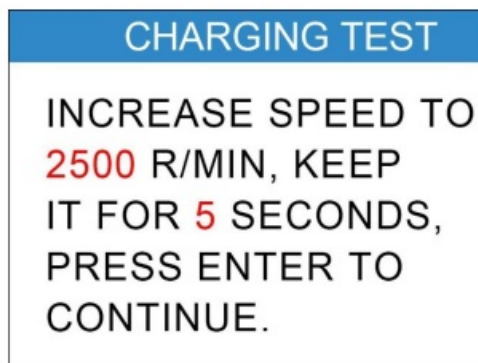
g). Start engine

h). Cranking test result

- i). Start engine
- j). Ripple test



- k). Increase speed to 2500R/MIN
- l). Charging test result



CHARGING V NORMAL	
LOADED V	13.89 V
UNLOADED V	13.93 V
PIPPLE V	15 m V
PIPPLE V	NORMAL

k). Increase speed to 2500R/MIN

l). Charging test result

REVIEW DATA

Historical Data (Can review the latest record 1 group testing data)

LANGUAGES

8 Languages to select: English, Russian, Simplified Chinese, Portuguese, Korean, Thai, Spanish, French

LANGUAGE	
ENGLISH	ESPAÑOL
FRANÇAIS	DEUTSCH
한국인	Русский
PORTUGUÊS	中文简体
NEDERLANDS	ไทย

HELP

You can scan the QR Code or enter the URL to visit our website to download the manual, and see more information.

After-sale warranty

1. One Year warranty
2. The product passed CE, RoHS certification with quality and safety assurance

Frequently Asked Questions

Q: What should I do if the tester powers off during testing?

A: Ensure that the connections are secure and the battery voltage is above 7.0VDC. If the issue persists, contact customer support.

Q: Can I use this tester on other types of batteries?

A: The MICRO-500 is specifically designed for 12V Lead-acid and lithium type batteries.

Q: How can I store the test results as a QR code?

A: After completing the test, press Enter to display the QR code containing the results.

Documents / Resources

Color LCD Display Battery Tester MICRO-500

User Manual



[LANCOL MICRO-500 Color LCD Display Battery Tester](#) [pdf] User Manual
MICRO-500, MICRO-500 Color LCD Display Battery Tester, MICRO-500, Color LCD Display Battery Tester, LCD Display Battery Tester, Display Battery Tester, Battery Tester, Tester

References

- [User Manual](#)

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