

INCINEERING[®] SOLUTIONS

ISBATTERYTESTERCLM

Pre-sale
battery status
control

Assembled
in USA

Data
storage

Results in
3
minutes

Software
update
support



ISBATTERYTESTERCLM

ISBATTERYTESTERCLM is a battery test device developed by İnci GS Yuasa Akü San. ve Tic. A.Ş. and Midtronics Inc. It is the first device in the world with its feature of performing short-term discharge (load) test and conductance test together. **ISBATTERYTESTERCLM** is a user friendly device that provides fast, reliable and correct information about the condition of battery with a 95% accuracy rate just in 3 minutes .

HOW DOES IT WORK?

When the device is turned on, "Main Menu" setup screen lights up which user inputs date, hour, user information and language options. After selections are made, menu directs the necessary next steps for the user.

As soon as the device completes the conductance and load tests, results appear on the screen. Preferably, a screen print out can be taken by choosing the "print" option at the bottom left corner of the screen. All process data is stored in the SD Card.

ISBATTERYTESTERCLM offers all the features provided by **Conductance Test (CCA), Digital Multimeter, Hydrometer and Discharge Load Test Devices** in a single device.

FEATURES

- Starter Voltage Test
- Alternator Voltage Test
- Barcode reader
- CCA test
- Discharge test
- SD-Card
- Mobility
- Data Printing feature
- Surface voltage test

ADVANTAGES

- Vehicle-battery compliance analysis
- No need for filling failure report forms
- Convenience and standardization in warranty management
- Update support and easy data transfer
- Reliability
- Fast results
- Increase in service quality
- User-friendly menu
- CRM support
- Systematic stock management
- Modular and Portable
- Pre-test visual questions

FIELDS of APPLICATION

- 12 V Starter passenger car batteries
- 12 V Starter light commercial vehicle batteries
- 12 V VRLA AGM batteries (Telecom)
- 12 V GEL batteries (Marine)

Bluetooth-
WiFi
option

No
electricity
needed

95%
reliable
result

Print out
report
data

Mobility

İNCİ GS YUASA

İnci GS Yuasa Akü San. ve Tic. A.Ş. T : +90 (236) 233 25 10
Organize San. Bölge 2. Kısım Gaziler Cad. No.6 F : +90 (236) 233 25 13
45030 Manisa / TÜRKİYE E-mail : info@incigsyuasa.com

INCINEERING[®] SOLUTIONS

SOLUTIONS

HAVE NEVER BEEN THAT EASY

**INCINEERING[®]
SOLUTIONS**

ISLOAD161

ISLOAD161

IS LOAD161 is the 'BATTERY LOADING (DISCHARGE) TEST DEVICE' which is developed for Inci GS Yuasa Akü San. ve Tic. A.Ş. is a device providing support in testing battery capacity and easing warranty management process.

HOW DOES IT WORK?

After the battery is connected, 150A Voltage stage should be selected for the battery capacities lower than 88Ah, and 300 A stage should be selected for the capacities higher than 88Ah.

Measuring short-time current provides battery status, and voltage level indications can easily be monitored on the digital screen.

FEATURES

- Appropriate for failure analysis of 12V batteries.
- 2 stage ampere selection accoring to battery capacity

ADVANTAGES

- Digital indicator
- Allows to monitor voltage fluctuations even within a very narrow range (1.00 V).
- Device is suitable for Starter, AGM and Gel batteries

FIELDS of APPLICATION

- Starter Batteries
- AGM Batteries
- GEL Batteries



**2
Ampere
Levels**

**1st Stage
150 A**

**2nd Stage
300 A**

**INCINEERING[®]
SOLUTIONS**

ISCHARGER161

ISCHARGER161

IS CHARGER161 is the 'BATTERY CHARGING DEVICE' designed for Inci GS Yuasa Akü San. ve Tic. A.Ş. Thanks to its 'limited voltage – constant current charge mode' integrated on the device, **IS CHARGER161** is capable of preventing battery discharges that may occur due to stock holding time or level of consumption in the vehicle.

HOW DOES IT WORK?

After the battery is connected, first of all, the appropriate Voltage Phase according to the battery type should be chosen. Afterwards, by pressing the 'ON' button, charging voltage in the Current phase should be selected. During the charging process of the battery, the red light will turn on. When the charging process ends, the green light will turn on. The Charging Current should be selected in accordance with the values recommended by Inci GS Yuasa A.S.

FEATURES

- Appropriate for 12V batteries.
- Suitable for Starter, AGM and Gel batteries
- By establishing a parallel connection based on the battery type, more than one battery can be charged at the same time.

ADVANTAGES

- Fast process button allows to easily set the CHARGING VOLTAGE of STARTER and AGM-GEL batteries.
- Automatic shut down after completion of charging process.
- Easy start by only using the AMPERE setting phase. 1/20 of the Battery Capacity should be considered to be set as the Charging Current.

FIELDS of APPLICATION

- Starter Batteries
- AGM Batteries
- GEL Batteries



**For AGM-GEL
Batteries
14.10±0.10V**

20±0.50A

**For Starter
Batteries
16.10±0.50V**

**INCINEERING[®]
SOLUTIONS**

ISAMPERMETER161

ISAMPERMETER161

ISAMPERMETER161 is the 'CONSTANT CONSUMPTION (mA) MEASUREMENT DEVICE' designed for Inci GS Yuasa Akü San. ve Tic. A.Ş. It also serves as feeding unit while on-vehicle battery changing processes and does not require additional adjustments in new generation vehicles such as inputting a radio code.

HOW DOES IT WORK?

You can activate the device through battery connection clamps, 12V lighter plug or OBD entrance. Right after activation, when the negative cable (-) is removed from the battery; the stable consumption (mA) can be monitored.

ISAMPERMETER161 acting as a feeding unit, also enables battery change processes to be performed quicker and easier.

FEATURES

- Residual current measurement during battery change
- Vehicle charge voltage measurement.
- Controls if there's a high level of constant electrical consumption to prevent sulphation of the battery.

ADVANTAGES

- Flexible connection types in accordance with vehicle brand and model.
- Vehicle memory protection during battery change
- Convenience in changing batteries in new generation vehicles.
 - o Vehicle OBD Entrance,
 - o Battery Connection Clamps,
 - o Vehicle Lighter Socket

FIELDS of APPLICATION

- Starter Batteries
- AGM Batteries
- GEL Batteries



**Voltage
Capacity
0-100mV**

**Ampere
Capacity
10mA-
5000mA**