



Battery Analyser

MDX-617 and MDX-617P



www.yuasaeurope.com

Battery Conductance Analysers

MDX-617 and MDX-617P

Why Test?

The MDX-617 battery conductance analyser supports important tests as part of an overall battery management process aimed at quality, service and efficiency objectives. Benefit from regularly planned and executed testing.

YUASA Warranty Test

Managing vehicle battery warranty claims is complex. It is important to make a quick and accurate determination of claim responsibility and accountability. The MDX-617 makes battery warranty testing easy and safe to perform on all battery technologies.

Standard Battery Test

Conductance is a unique electrical measurement that determines the ability of a battery to transmit current through its internal structure. Years of laboratory and field research have proven that conductance provides a reliable indication of battery state-of-health and a correlation to the battery's cranking ability.

New Battery Mode

New battery mode is a test that determines the health of new, unused batteries. For instance, a battery that has been stored in a warehouse awaiting delivery to a customer.



MDX-617

MDX-617P

Special functionality

- YUASA Warranty test
- Detects bad cells
- Multiple Battery Technologies [AGM, GEL, Lead Acid, Spiral]
- Test discharged batteries
- Test multiple rating systems

Features and Benefits

The MDX-617 is a custom made solution that enables potential cost savings and increased revenues. These innovating solutions are being developed for service needs and emerging technology.



YUASA Warranty test

The Yuasa warranty test needs to be used whenever you want to test a battery for warranty purposes. When the test outcome is Charge and Retest the battery needs to be charged with an approved Yuasa charger.

This mode results in a specific warranty test code:

- Reduce warranty claim related costs by efficiently determining accountability and responsibility
- Simplified and improved warranty data management and communication capabilities

Standard Battery test

Conductance Technology can be used to detect cell defects, short circuits and normal aging. Midtronics Conductance Technology is recognised globally as the standard for determining battery condition.

New Battery test

New battery means that the battery is freshly produced and not yet installed in a vehicle. For instance, the battery is in a warehouse awaiting delivery to a customer.

This mode enables you to perform accurate tests on new batteries.

Specifications

Model

- MDX-617 Battery Conductance Analyser
Includes: MDX-600 Series Analyser, MDX-617 software (installed), Manual CD, 122 cm cable set.
- MDX-617P Battery Conductance Analyser
Includes: MDX-600 Series Analyser with integrated printer, MDX-617 Software (installed), Manual CD, 122 cm cable set.

Available Accessories

- A207, replacement 122 cm Battery Test Cable
- A208, replacement 305 cm Battery Test Cable
- 85660/12, 12 pack, thermal paper
- A088/A089, IR Printer with Charger

Applications

- Automotive
- Motorcycle
- Truck
- 6V & 12V batteries in situ on 6V, 12V & 24V systems.

Display

5-line Text/Graphical back-lit Display

Operating Temperature

0° C to +50° C (32° F to +122° F)

Test Range

- EN: 100-2000 by 5
- DIN: 100-1200 by 5
- SAE: 100-2000 by 5
- IEC: 100-1200 by 5
- JIS#: By Part Number

Voltage Range

1Vdc – 30Vdc

Cable Length

- 122 cm /4' (MDX-645/645P)
- 305 cm /10' (MDX-655/655P)

Power Requirements

Uses the power of the battery under test and 6 AA Internal Batteries

Languages

24 Languages

Housing Material

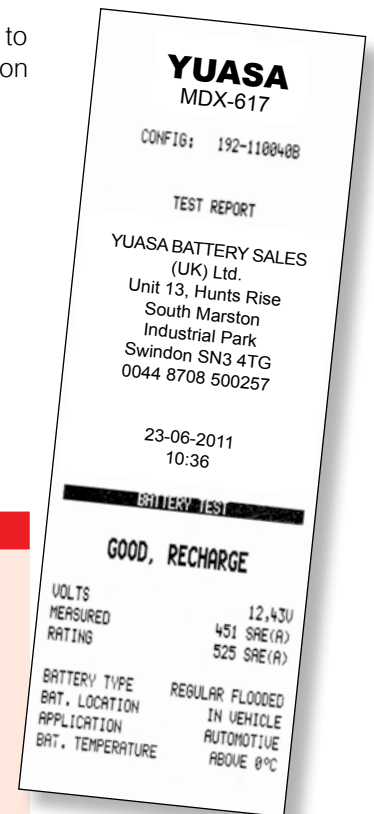
Acid resistant ABS plastic

Dimensions

MDX-617 19,5 cm x 10 cm x 5 cm
MDX-617P 27 cm x 10 cm x 5 cm

Weight

MDX-617 544g (1.2lbs)
MDX-617P 771g (1.7lbs)



- Printout with Workshop Equipment logo
- Localise contact information
- Date and time stamp
- Results illustrated
- State of charge
- State of health
- Result prove
- Coupon mode for special customer info and messaging



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Cat. No.	YMDXL0811
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