







MDX-700HD

## MDX-700HD OVERVIEW

Heavy Duty Battery Conductance and Electrical System Analyzer for testing 6 and 12 volt system batteries in 12 to 24 volt systems consisting of one or as many as six batteries (in a pack)

- In-vehicle capabilities for analyzing the starting and charging systems
- Date and time for accurate records
- User definable header
- Complete system information in an easy to read and understand format

MIDTRONICS MDX-700 HD	
04/21/2018 9:56 AM	
PACK 1	
<b>CHECK PACK</b>	
VOLTS MEASURED	11.48V 428 CCA
RATING	550 CCA
BATTERY TYPE	REGULAR FLOODED
BAT. LOCATION	IN VEHICLE
POST TYPE	TOP POST
APPLICATION	GROUP 31
CHARGE STATE	BEFORE CHARGE
BATTERY 1	
<b>GOOD BATTERY</b>	
VOLTS MEASURED	12.51V 541 CCA
BATTERY 2	
<b>GOOD BATTERY</b>	
VOLTS MEASURED	12.53V 546 CCA
BATTERY 3	
<b>GOOD BATTERY</b>	
VOLTS MEASURED	12.54V 546 CCA
BATTERY 4	
<b>REPLACE BATTERY</b>	
VOLTS MEASURED	11.48V 264 CCA

Sample Printout



MDX-700PHD

## AVAILABLE MODELS

MDX-700HD Series products can be purchased with an integrated printer or a portable IR printer to provide a professional diagnostic report to the consumer.

- **MDX-700HD**  
Battery Conductance and Electrical System Analyzer w/15' cable and heavy duty battery clamps
- **MDX-700PHD**  
Battery Conductance and Electrical System Analyzer w/15' cable and heavy duty battery clamps and an integrated thermal printer

*Midtronics is focused on developing innovative technologies for battery management.*

*For preventive maintenance, professional service and warranty management, our battery and electrical diagnostic equipment is the accepted standard by new vehicle dealers, service centers and battery retailers worldwide.*

Removable Cable set



SIMM Card Data Transfer



Extra Long Cable set allows testing from the cab



**SPECIFICATIONS:**

**Models:**

- **MDX-700HD** Battery Conductance and Electrical System Analyzer  
Includes: MDX-700HD Series Analyzer, MDX-700HD Software (installed), Manual, stud adapters, 15' cable set, tool bag.
- **MDX-700PHD** Battery Conductance and Electrical System Analyzer  
Includes everything from MDX-700HD with the addition of an Integrated Printer.

**Available Accessories:**

- A156 Tool Bag Carrying Case
- A260 Replacement 15' Battery Test Cable
- A033 Lead Stud Adapters, 2 male, 2 female
- A095 6 pack, thermal paper\*  
*\* Replacement paper rolls available at most office supply stores*
- A087 IR Printer with Charger (for MDX-700HD)

**Applications:**

- Group 31
- Automotive
- Motorcycle
- Marine
- Lawn & Garden
- Group 31
- Commercial 4D/8D

**Display:**

5-line Text/Graphical Backlit Display

**Operating Temperature:**

0°C to +50°C (32°F to +122°F)

**Test Range:**

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

**Voltage Range:**

.9Vdc – 30Vdc

**Cable Length:**

- 15'/455cm (standard)

**Power Requirements:**

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

**Languages:**

- English
- French Canadian
- Spanish

**Housing Material:**

Acid resistant ABS plastic

**Dimensions:**

MDX-700HD: 19.5cm x 10cm x 5cm  
(7.7" x 3.9" x 2.4")

MDX-700PHD: 27cm x 10cm x 5cm (10.6" x 3.9" x 2.4")

**Weight:**

MDX-700 HD: 544g (1.2 lbs)

MDX-700P HD: 771g (1.7 lbs)



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