

PBT OPERATING RANGE

RATING	PBT-100/ PBT-200	PBT-300
CCA	200-850	100-1400
SAE	200-900	100-1400
DIN	120-550	100-1400
IEC	120-550	100-800
EN	200-900	100-800

PBT PRODUCT SPECIFICATIONS

Model

- PBT-100
- PBT-200
- PBT-300

Warranty

· Midtronics standard one-year warranty

Applications

- Individual 12-volt automotive starting batteries
- 12 volt charging systems

Power Requirements

· Uses power of the battery under test (minimum 8 volts required)

Voltmeter

• 8 - 17 volts DC

Display

- 3 position LED Voltage Screen
- 3 LEDs (Green, Yellow, Red) -**Battery Test**
- 2 LEDs (Green, Red) -Starting Charging System Test (PBT-300 only)

Operating Temperature

• 0° F to 120° F -18° C to 50° C

Test Lead Clamps

· Dual conductor Kelvin clamps

Housing Material

 Acid resistant ABS plastic

Housing Dimensions

- 7.5" x 3.5" x 2.0"
- 230mm x 102mm x (Dimensions subject to change)

Housing Weight

• 16 oz./427 grams

Accessories

- A033-Stud adapters
- A046-Soft vinyl carrying case

PBT-100[™]

OEM Technology at a Toolbox Price

Battery Conductance Tester

 Same proven conductance technology and test algorithms required for warranty testing at automotive dealers around the world

Accurate battery test decision in seconds

No user interpretation required

Tests discharged batteries

Voltmeter mode for testing both the starter and the charging system



Midtronics, Inc. 7000 Monroe Street Willowbrook, IL 60527

Phone: 630.323.2800 Fax: 630.323.2844

Midtronics Canada, Inc. 54 Ferris Drive P.O. Box 746 North Bay, Ontario P1B 8J8 Canada

3401 VA IJsselstein The Netherlands Phone: +31 306 868 150 Phone: 705.476.9228 Fax: +31 306 868 158 Fax: 705.476.9255

Midtronics, b.v.

Lage Dijk-Noord 6

Toll free in N.A.: (800) 776-1995 • www.midtronics.com ©2004 Midtronics,Inc P/N 169-187A





AUTOMOTIVE BATTERY CONDUCTANCE **TESTERS**

PBT-SERIES

Only the Midtronics PBT series offers the advantages of OEM technology at a toolbox price. With three models to choose from, Midtronics PBT series testers provide test capabilities from simple battery testing with the PBT-100, to battery and diagnostic electrical system testing with the PBT-300. With features to meet every testing need, the Midtronics PBT testers have the following benefits:

Conductance Technology Advantages

 Only Midtronics offers the conductance testing advantages that make testing simple, safe, and fast

Proven Test Algorithms

 Midtronics conductance testers are required for warranty testing at automotive dealers around the world

Testing Discharged Batteries

• Get a fast and accurate test decision in seconds without heat, sparks, or user interpretation

Proven Reliability and Durability

 Midtronics has been providing a better way to test batteries in the automotive industry for over 20 years

Diagnostic Starter/Electrical System Testing (PBT-200 and PBT-300):

Take the guesswork out of starter and electrical system testing.

- Starter Testing: Down arrow displays the captured voltage from cranking the engine
 - * Green or red LED lights give an OK or Repair/Replace starter decision. (PBT-300 only)
- Electrical System Testing: Up arrow displays the captured high voltage
 - * Green or red LED lights giving an OK or Repair/Replace decision on the charging system. (PBT-300 only)

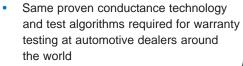
PBT-300™

Diagnostic Battery Conductance/ **Electrical System Testing**

The Advanced Tester for the Professional Technician

- Expanded measurement range from 100-1400 CCA
- Green and red LEDs give fast decision on starter & electrical system testing

High/low voltage capture for improved starter/charging system testing



Accurate battery test decision in seconds

- No user interpretation required
- Tests discharged batteries
- Voltmeter mode for testing both the starter and the charging system
- Shows available power in CCAs at the end of each test
- Bad cell detection

Advanced Battery Conductance/ **Electrical System Testing** An Essential Tester for the Professional Technician

PBT-200™

 Same proven conductance technology and test algorithms required for warranty testing at automotive dealers around the world

Accurate battery test decision in seconds

starter and the charging system

the end of each test

improved starter/charging system testing



