



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 65mm (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



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MIDTRONICS

Battery Management Innovation

PBT

AUTOMOTIVE BATTERY CONDUCTANCE TESTERS

THE 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
- 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
- Shows available power in CCAs at the end of each test
- Bad cell detection



PBT-200™

Advanced Battery Conductance/ Electrical System Testing

An Essential Tester for the Professional Technician

- 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
- Shows available power in CCAs at the end of each test
- Bad cell detection
- High/low voltage capture for improved starter/charging system testing

