

# Test The Condition of Your Batteries In Seconds



Test the condition of your lead-acid batteries faster than ever with the full line of digital battery analyzers from PulseTech — *The World Leader In Battery Performance Technology*

If you work in a shop or facility that services vehicles and equipment, you need these revolutionary testers. They're portable, durable, easy to use and provide battery and/or charging system analysis in seconds.

Each tester uses a revolutionary, patented testing method called "conductance testing". Conductance describes the ability of a battery to conduct the current needed for its various functions. It's been proven that a linear relationship exists between battery conductance and capacity — or

total energy delivered by batteries in time-discharged tests.

Since conductance is proportional to battery capacity, it can effectively identify cells or batteries which may require attention or replacement due to defects or deterioration. So not only do you save time with the testing, you also reduce the time wasted on trying to charge bad batteries.

All of these digital analyzers display voltage, battery condition and available power quickly and accurately so you know immediately if your battery needs service. They also test batteries without having to charge them and they won't discharge batteries during testing. Plus, since the voltage and current applied by conduc-

tance testing are very low, there is no danger of damaging the battery.

So stop wasting time using traditional battery testers. Order a patented PulseTech Digital Battery Analyzer today. They are fast, accurate and easy-to-use solutions to your battery testing needs.

To learn more, visit your PulseTech dealer today. For the dealer nearest you call **1-800-580-7554**. Or visit us at [www.pulsetech.net](http://www.pulsetech.net).



The World Leader In Battery Performance Technology

# The Fast, Accurate Way To Test Batteries



## 475 Digital Battery Analyzer

Get a complete battery analysis in about six seconds with this durable analyzer. Gives an accurate reading on batteries as low as 5.5 volts. It displays voltage, battery condition and available power quickly so you know immediately if your battery is bad or just needs service. Ideal for shops or facilities that service vehicles and equipment. One-year limited warranty.

### 475 Specifications

Operating Range: 100-1400 CCA  
Voltage Range: 5.5-14V dc  
Power: Battery under test with min. 5.5V OCV required  
Operating Temperature: 32°-120°F (0°-50°C)  
Dimensions: 9" x 4" x 2.5"  
Weight: 15 oz. (425g)



## 490PT Digital Battery Analyzer

Hand-held device uses "conductance testing" to analyze 6- and 12-volt automotive, marine and commercial batteries. It completely analyzes your battery, starter and charging system quickly and accurately. Multiple battery rating systems can be tested including CCA, CA, MCA and even JIS (Japanese OEM batteries) AGM. One-year limited warranty.

### 490PT Specifications

Operating Range: 100-1700 CCA  
Voltage Range: 9-30V dc  
Power: Battery under test down to 5.5V or internal 9V battery  
Operating Temperature: 0°-120°F (-18° to 50°C)  
Dimensions: 9" x 4" x 2.5"  
Weight: 1 lb. (454g)



## 510PT Digital Battery Analyzer

This system uses "conductance testing" to test 6- and 12-volt automotive, marine and commercial batteries as well as 12- and 24-volt charging systems without using time-consuming or complicated connections. It can even test batteries discharged as low as 1 volt using an internal 9-volt alkaline battery. One-year limited warranty.

### 510PT Specifications

Operating Range: 100-1700 CCA  
Voltage Range: 0.9-32V dc  
Power: Battery under test down to 5.5V or internal 9V battery  
Operating Temperature: 0°-120°F (-18° to 50°C)  
Dimensions: 9" x 4" x 2.5"  
Weight: 1 lb. (454g)



## Micro 700 Heavy-Duty Electrical System Analyzer

Using patented conductance technology and an advanced heavy-duty battery algorithm, this unit analyzes 6- and 12-volt commercial batteries and 12- and 24-volt battery systems. Tests multiple batteries in parallel, series or series-parallel configurations. One-year limited warranty.

### Micro 700 Specifications

Operating Range:  
6 & 12V Batteries: 100-1700 CCA  
12 & 24V Battery Systems:  
100-3000 CCA  
Voltage Range: 0.9-32V dc  
Power: Battery under test or internal 9V battery  
Operating Temperature: 0°-120°F (-18° to 50°C)  
Dimensions: 9" x 4" x 2.5"  
Weight: 1 lb. (454g)



## PBT-200 Battery/Electrical Tester

For the professional technician. Designed for 12-volt starting batteries and charging systems. It works with batteries up to 850 CCA and shows available power in CCA's in addition to condition and voltage BAD CELL Detection. It also provides advanced electrical system testing for simple alternator/regulator analysis. One-year limited warranty.

### PBT-200 Specifications

Operating Range: 200-850 CCA  
Voltage Range: 8 to 17 V dc  
Power: Battery under test with min. 8V required  
Operating Temperature: 0°-120°F (-18° to 50°C)  
Dimensions: 7.5" x 3.5" x 2"  
Weight: 1 lb. (454g)

### Ordering Information

Part No.	Model No.	Description	Application
741X475	475	475 Digital Battery Analyzer with clamps	For testing all types of 6 & 12-volt batteries
741X490	490PT	490PT Digital Battery Analyzer	12V AGM-compatible analyzer.
741X510	510PT	510PT Digital Battery Analyzer	12V starting, charging & battery analyzer.
741X205	MCR-700	Micro 700 Digital Battery Analyzer	Heavy-duty electrical system analyzer.
741X207	MCR-700K	Micro 700 w/ Kit	Includes Micro700, printer and carrying case.
741X322	PBT-200	PBT 200 Battery Tester	Electrical system tester.

**PulseTech**<sup>®</sup>  
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The World Leader In Battery  
Performance Technology

For more information or to place an order, contact your local PulseTech dealer today: