

# 777P-PT 12V Battery and System Tester

## Test Vehicle or Equipment Readiness

- Tests 6-volt and 12-volt lead-acid batteries
- Tests 12-volt and 24-volt starting/charging systems
- Fast, safe and simple
- Displays battery voltage and capacity
- Easy to use intuitive screen prompts
- Tests discharged batteries down to 1.5 volts
- Includes built-in thermal printer with date/time function
- Backlit display – easy to read in any light
- Includes high-impact molded carrying case
- Select from seven languages—English, Spanish, French, German, Italian, Portuguese, and Japanese
- One-Year Limited Warranty



The 777P-PT Battery and System Tester tests both 6-volt and 12-volt lead-acid batteries (VRLA, AGM, gel and flooded cell) as well as 12-volt and 24-volt starting/charging systems to include cranking voltage, idle output voltage, diode ripple test and output under load. The single load, dynamic resistance testing technology helps ensure vehicle or equipment readiness. Knowing the state of the battery allows users to provide better battery maintenance and correct battery issues before they become a problem. Battery test results will display one of the following: GOOD & PASS, GOOD & RECHARGE, RECHARGE & RETEST, BAD & REPLACE or BAD CELL & REPLACE. System test results will display one of the following: CRANKING VOLTS NORMAL, CRANKING VOLTS LOW or CRANKING VOLTS NOT DETECTED.

The backlit display is easy to read in any light and test results can be printed for easy record keeping. The built-in printer uses standard thermal printer paper so a printout can be attached to a work order, shared with customers or used to build a trackable preventative maintenance program. The unit is housed in rugged over molded rubber and comes with high impact molded carry case.

For best results when using this battery tester, use female conversion connectors (part number 741x060) on a group 31 battery and male conversion connectors (part number 741x061) on a side-mount battery.

## Specifications

### Electrical Characteristics

<b>Rating System:</b>	SAE, DIN, EN, IEC, JIS Battery No.
<b>Operation Range:</b>	40 to 2000 CCA (SAE)
<b>Minimum Battery Voltage for Analysis:</b>	1.5V
<b>Voltmeter Range:</b>	1.5V to 30V
<b>Internal Batteries:</b>	Six AA batteries

### Display

<b>4 Lines 16 Character LCD with Adjustable Brightness</b>
<b>Decision Readout of:</b>
1. Good & Pass
2. Good & Recharge
3. Recharge & Retest
4. Bad & Replace
5. Bad Cell & Replace
State-of-Charge (SOC) Displayed as a Percentage
State-of-Health (SOH) Displayed as a Percentage

### Printer

<b>Type:</b>	Thermal
<b>Paper:</b>	2.3" W x 1.2" L

### Mechanical / Physical Characteristics

<b>Dimensions:</b>	9.9" L x 5.1" W x 2.5" H
<b>Weight:</b>	2.15 lbs.; 5.7 lbs. With Carrying Case, Manual, and Extra Printer Paper
<b>Shipping Weight:</b>	7.85 lbs.
<b>Battery Cable Length:</b>	3.9'

### Environmental

<b>Operating Temperature:</b>	32° F to 122° F
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## Ordering Information

741X777  
777P-PT

Part Number  
Model Number