C7000 C-Series
www.cadex.com/c7
A PROFESSIONAL BATTERY ANALYZER
POWERFUL, YET SIMPLE TO USE

The Cadex C7X00 Series battery analyzers offer a platform that fulfills virtually all battery testing and conditioning needs. With 14 available built-in programs, plus four custom ones, and over 3,200 custom adapters for all kinds of batteries, the C7X00 is truly the workhorse for your battery testing needs.

ACCEPTS
LITHIUM NICKEL LEAD-ACID

CONNECT VIA
RS-232 USB

FULLY PROGRAMMABLE

The optional PC-BatteryShop™ software allows you to capture test data and view real-time results on your PC. Set the software using one of the 3,200 battery presets available, or scan your own. You can view and control up to 32 analyzers from a single PC.
CUSTOMER TESTIMONIALS

Cadex C7000 paid for itself in the first month of operation.
Regional Trauma Center
Memphis, TN

Our hospital depends on the information from the analyzer and could not function without them.
Ottawa Civic Hospital

We have over 200 Cadex C7000 battery analyzers.
Los Angeles County Fire Department

UP TO 4 BAYS

UP TO 36V, 6A, 75W PER BAY

UNIVERSALLY COMPATIBLE

With over 3,200 custom battery adapters available from Cadex, or any of the Universal Adapters, you can be sure your C7X00 will be compatible with whatever your battery model or chemistry is.
PC-BatteryShop™ provides a simple yet powerful PC interface to control and monitor the C7X00 Analyzers. Select any of the 3,200 batteries from the built-in database, or scan the bar code on the battery label and configure the analyzer to the correct setting.

With the ability to control up to 32 analyzers from a single PC, you have one of the most powerful tools in the market at your fingertips.

Learn more at cadex.com/batteryshop

DEDICATED SOFTWARE
PC BATTERYSHP™

IN THE FIELD
Reduce battery replacement by analyzing battery history and recurring patterns, and by understanding unique battery problems.

MAINTENANCE
Simplify your fleet battery maintenance by marking each battery with a permanent ID number. With Autoprint, a label will be printed as soon as the battery is extracted.

MANUFACTURE
Perform complex battery analysis by setting unique test parameters through the PC. See and store real-time data, and customize voltage and current.
### BASIC PROGRAMS

<table>
<thead>
<tr>
<th>Program</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AUTO</strong></td>
<td>Exercises batteries and applies Recondition (nickel-based batteries) if the user-set target capacity cannot be reached.</td>
</tr>
<tr>
<td><strong>CHARGE</strong></td>
<td>Applies fast charge.</td>
</tr>
<tr>
<td><strong>QUICKSORT™ 1</strong></td>
<td>Sorts Li-ion batteries into Good, Low and Poor. Service time 30 seconds. Capacity up to 1500mAh.</td>
</tr>
<tr>
<td><strong>PRIME</strong></td>
<td>Prepares batteries for field use by repeated cycling until maximum capacity is reached.</td>
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</tbody>
</table>

### ADVANCED PROGRAMS

<table>
<thead>
<tr>
<th>Program</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BOOST</strong></td>
<td>Reactivates safety circuit on over-discharged batteries.</td>
</tr>
<tr>
<td><strong>OHM TEST</strong></td>
<td>Measures internal battery resistance.</td>
</tr>
<tr>
<td><strong>LIFE CYCLE</strong></td>
<td>Counts number of charge/discharge cycles before battery capacity drops to the selected target level.</td>
</tr>
<tr>
<td><strong>SELF-DISCHARGE</strong></td>
<td>Determines the rate at which a battery loses its charge.</td>
</tr>
<tr>
<td><strong>DISCHARGE ONLY</strong></td>
<td>Prepares batteries for shipping or storage.</td>
</tr>
<tr>
<td><strong>EXTENDED PRIME</strong></td>
<td>Applies 16-hour trickle charge prior to Prime. Prepares difficult to charge batteries.</td>
</tr>
<tr>
<td><strong>RUN TIME</strong></td>
<td>Discharges at three current levels to simulate 5-5-90, 10-10-80 and other user patterns.</td>
</tr>
</tbody>
</table>

### CUSTOM PROGRAMS

If none of the 11 built-in Service Programs fit your need, you can configure four more separate custom programs, that will allow you to do sequences of charge, discharge, recondition, wait and repeat.
C7400ER ANALYZER

The Cadex C7400ER is the most powerful of the C7000 Series battery analyzers. 6 amps per bay, service of 36 volt batteries and total 170 watts of continuous power satisfies most service requirements.

- Battery voltage range 1.2 to 36V (Li-ion)
- Charge/discharge current up to 6A per bay
- Maximum charge power 75 watts per bay
- Maximum discharge power 75 watts per bay

C7400 ANALYZER

With four-bays and total 80 watts of charge power, the Cadex C7400 is most economical in terms of cost per bay. The extra bays increase throughput and add flexibility in accommodating batteries that require immediate service.

- Battery voltage range 1.2 to 16V
- Charge/discharge current up to 4A per bay
- Maximum charge power 55 watts per bay
- Maximum discharge power 35 watts per bay

C7200 ANALYZER

The two-bay Cadex C7200 suits smaller organizations and storefront operations. Total 40 watts of charge power at 4 amps per bay ensures quick service of larger batteries. This economical analyzer offers features similar to the larger C7400.

- Battery voltage range 1.2 to 16V
- Charge/discharge current up to 4A per bay
- Maximum charge power 40 watts per bay
- Maximum discharge power 35 watts per bay
INDUSTRY STANDARD
BUILT AROUND YOUR NEEDS

HEALTHCARE
Increase customer satisfaction and store revenue while decreasing footprint

PUBLIC SAFETY
Increase availability of critical equipment and safety of first responders

AEROSPACE
Ensure maximum reliability for the aircraft batteries by doing preventive maintenance

INDUSTRIAL
Maximize ROI on equipment and personnel with over 3,200 different custom battery adapters

LOGISTICS
Improve throughput and save precious seconds on the line

DEFENCE
Deploy only performing batteries by doing regular analysis and conditioning

CELLULAR
Increase customer satisfaction and store revenue while decreasing footprint

UAV/DRONES
Analyze and condition your drone batteries to ensure maximum reliability in the air

AEROSPACE
Ensure maximum reliability for the aircraft batteries by doing preventive maintenance

INDUSTRIAL
Maximize ROI on equipment and personnel with over 3,200 different custom battery adapters

LOGISTICS
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UAV/DRONES
Analyze and condition your drone batteries to ensure maximum reliability in the air
DON'T LET A BATTERY STOP YOU

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