



C7000 C-Series

www.cadex.com/c7

Battery Analyzers

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.



DEDICATED SOFTWARE

PC BATTERYSHOP™

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

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



AUTO

Exercises batteries and applies Recondition (nickel-based batteries) if the user-set target capacity cannot be reached



PRIME

Prepares batteries for field use by repeated cycling until maximum capacity is reached



CHARGE

Applies fast charge



QUICKSORT™ 1

Sorts Li-ion batteries into Good, Low and Poor. Service time 30 seconds. Capacity up to 1500mAh.

ADVANCED PROGRAMS



BOOST

Reactivates safety circuit on over-discharged batteries



DISCHARGE ONLY

Prepares batteries for shipping or storage



OHM TEST

Measures internal battery resistance



EXTENDED PRIME

Applies 16-hour trickle charge prior to Prime. Prepares difficult to charge batteries



LIFE CYCLE

Counts number of charge/discharge cycles before battery capacity drops to the selected target level



RUN TIME

Discharges at three current levels to simulate 5-5-90, 10-10-80 and other user patterns



SELF-DISCHARGE

Determines the rate at which a battery loses its charge

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 up-time of critical equipment while saving on battery costs



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





DON'T LET A BATTERY STOP YOU

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