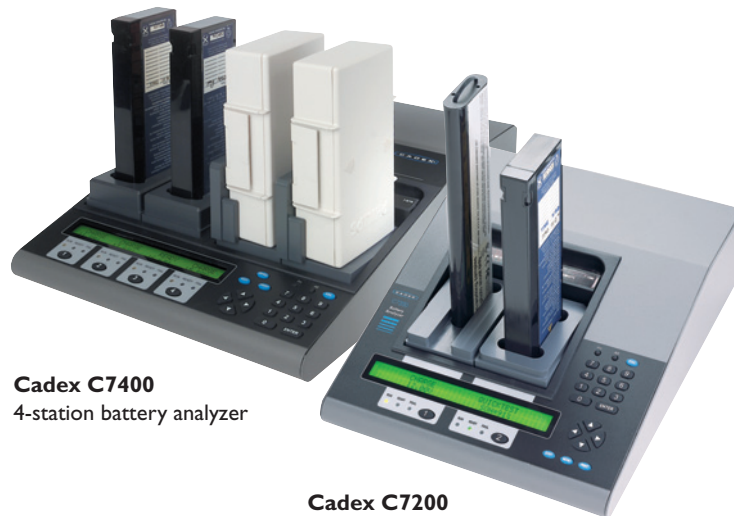


## Battery Support Systems for HeartStart ALS

### Monitor/Defibrillators

#### Product information



**Cadex C7400**  
4-station battery analyzer

**Cadex C7200**  
2-station battery analyzer



Custom battery adapters for commonly used batteries

Philips offers the Cadex C7000-Series battery analyzers as support systems for the batteries of its HeartStart ALS monitor/defibrillators. The simple-to-operate Cadex C7200 and C7400 analyzers provide an effective and economical battery management solution.

Rechargeable batteries gradually weaken overtime, whether they have been used or not. Frequent testing (or calibrating) with a Cadex C7000 series analyzer helps ensure that they will be ready for use when needed, while providing battery status information and identifying batteries in need of replacement. Incorporating a Cadex analyzer into your battery support routine, and managing batteries this way, improves performance.

#### Simplify battery support with service labels

Marking batteries with test results and dates is an efficient way to manage multiple batteries. When connected to a C7000-Series analyzer, the Cadex LabelWriter SE300 generates battery labels that display the service date, capacity test results and the date of the next required service.

#### Cadex SnapLock™ Battery Adapters

The SnapLock Battery Adapters automatically configure the analyzer to the battery's factory-specified performance settings. Cadex C7000-Series analyzers accommodate

battery types other than those of HeartStart monitor/defibrillators. With SnapLock adapters available from Cadex, the analyzers can accept batteries from laptop computers, cell phones, two-way radios, cameras, and flashlights. Batteries that are too large for a SnapLock adapter can be connected to an analyzer using a Cadex Smart Cable adapter.

In addition to the LabelWriter SE300, SnapLock Battery Adapters and Smart Cable, Cadex produces other accessories for the C7000-Series analyzers, including upgrade subscriptions and warranty programs, which you can purchase directly from Cadex.

Contact Cadex for more details:

Tel: 604 231-7777

Toll Free: 800 565-5228

Fax: 604 231-7755

E-mail: [info@cadex.com](mailto:info@cadex.com)

[www.cadex.com](http://www.cadex.com)



LabelWriter SE300 printer and labels



Smart Cable for large batteries



## Product Specifications

### Battery Analyzers

<b>Cadex C7200</b>	2 independent bays; 100 - 240VAC, 50 - 60Hz; 1.5A max line current.
<b>Cadex C7400</b>	4 independent bays; 100 - 240VAC, 50 - 60Hz; 1.75A max line current.
<b>Voltage Range</b>	1.2 - 16V, supports nickel, lithium and lead-based batteries.
<b>Current Range</b>	100mAh - 24Ah; up to 4A charge and discharge current per station; 2A on digital discharge.
<b>Approvals</b>	Complies with CSA/UL/CE standards.
<b>Warranty</b>	Cadex warrants against defective materials and workmanship for 3 years from purchase date.

### Programs, Data Ports and Memory

<b>MRx Cal</b>	Custom program for the M3538A (rev. C or higher) battery. Recalibrates the Smart Battery fuel gauge.
<b>XLXLT Cap</b>	Custom test program for the M3516A/M5516A batteries. Verifies battery capacity.
<b>Charge</b>	Applies fast charge; no capacity readings taken.
<b>QuickTest</b>	Checks battery state-of-health in 3 minutes.
<b>Auto</b>	Exercises battery and reconditions (nickel-based batteries only) if target capacity is not met.
<b>Prime</b>	Cycles battery until peak capacity is reached.
<b>Boost</b>	Wakes up battery if voltage is too low (nickel and lithium-based only).
<b>Advanced</b>	These programs include: Self-discharge test, LifeCycle cycle test, discharge only, extended Prime, Ohm Test, Runtime, Learn and additional Custom programs.
<b>Data Port</b>	RS-232 for LabelWriter SE300 to print battery labels; serial printer to print service reports; or PC to run BatteryShop™ software. C7400 also features parallel port.
<b>Firmware</b>	Flash memory; Internet upgradeable.

## Ordering Information

Part #	Product Description
<b>989803135301</b>	Cadex C7200 with 2 Battery Adapters for Philips HeartStart MRx battery, M3538A. Services 2 batteries simultaneously; programmable up to 16V, 24Ah. Includes serial port to connect to printer, label printer or PC. 90 – 240VAC input.
<b>989803135291</b>	Cadex C7200 with 2 Battery Adapters for Philips HeartStart XL and XLT battery, M3516A, and Laerdal Heartstart 4000 battery, M5516A. Services 2 batteries simultaneously; programmable up to 16V, 24Ah. Includes serial port to connect to printer, label printer or PC. 90 – 240VAC input.
<b>989803135331</b>	Cadex C7400 with 4 Battery Adapters for Philips HeartStart MRx battery, M3538A. Services 4 batteries simultaneously; programmable up to 16V, 24Ah. Includes parallel and serial ports to connect to printer, label printer or PC. 90 – 240VAC input.
<b>989803135321</b>	Cadex C7400 with 4 Battery Adapters for Philips HeartStart XL and XLT battery, M3516A, and Laerdal Heartstart 4000 battery, M5516A. Services 4 batteries simultaneously; programmable up to 16V, 24Ah. Includes parallel and serial ports to connect to printer, label printer or PC. 90 – 240VAC input.
<b>989803135341</b>	Cadex C7400 with 4 Battery Adapters: 2 for Philips HeartStart XL and XLT battery, M3516A, and Laerdal Heartstart 4000 battery, M5516A; and 2 for HeartStart MRx battery, M3538A. Services 4 batteries simultaneously; programmable up to 16V 24Ah. Includes parallel and serial ports to connect to printer, label printer or PC. 90 – 240VAC input.

## Philips Medical Systems is part of Royal Philips Electronics

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