

(Basic Battery Service Procedures...continued)

- Under **Analyzers**, click **Analyze Battery** to display the **Analyze Battery - Battery Information** dialog box
- Click **By Model** or **By Battery ID**.
- Enter the battery model number or battery ID you want to service:
  - In the database grid area, find and double-click the record for the battery model number or battery ID you want to service, OR
  - Type the model or battery ID number in the appropriate text box, OR
  - Click **Browse ( ... )** to search for the required battery information.

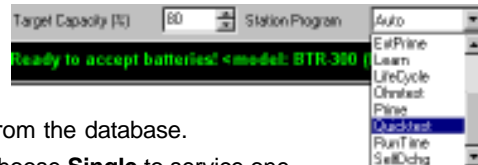
The status bar at the bottom displays **Ready to accept batteries!** once you enter a valid model or battery ID number.

- If you are servicing batteries by Battery Model:

- Enter the customer name to include it in the service record. You can also click **Browse ( ... )** to select the customer from the database.
- Under **Analyze Mode**, choose **Single** to service one battery or **Batch** to service several batteries of the same model.

- To print a battery-service report and label when service is completed, select (check) **Auto Print Service Report** and **Auto Print Service Label**.

- Set the target capacity and select the program to run. See the Cadex Batteryshop Online Help or the analyzer User's Manual for details about programs.



- Insert the battery to start servicing. If you are servicing more than one battery of the same model, insert the next battery when the "Service started" message appears.

- Repeat steps 4 through 9 to set up another battery service.

- Click **Done** when you have no more batteries to service.

- You can also service a battery by selecting a favorite battery model or battery ID, or by entering battery parameters directly. See the Cadex Batteryshop Online Help for details.

## Product and Technical Support

Online Help and PDF Manual

Cadex Batteryshop Online Help and PDF Manual contains information on features and step-by-step instructions to help you get the most out of your battery maintenance software. Under **Help**, click **Help** to open Cadex BatteryShop online Help, or **Press F1**.

## Web Resources

The Cadex Web site provides extensive support for Cadex Batteryshop. Visit our Web site at **www.cadex.com** for the following:

- Frequently Asked Questions
- Articles and technical papers
- Updates to the battery models database, including Quicktest matrices
- Downloadable Custom Programs
- Updates to Batteryshop's online Help and QuickStart Guide
- Downloadable firmware updates for Cadex 7200 and Cadex 7400 battery analyzers
- Technical support papers

## Technical Support

If you have a technical problem with Cadex Batteryshop or the Cadex battery analyzers, you can contact our Technical Support department by phone, fax, e-mail or mail.

The Technical Support phone lines are open 8:00 AM to 4:30 PM Pacific Time, Monday through Friday.

- Phone:** +1 604 231-7777
- Fax:** +1 604 231-7755
- Toll Free:** +1 800 565-5228 (USA & Canada only)
- E-mail:** service@cadex.com
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## Cadex Batteryshop™ QuickStart Guide

This booklet provides basic information and instructions for installing, setting up, and using Cadex Batteryshop, including:

- Installing Cadex Batteryshop™**
- Preparing battery analyzers for Cadex Batteryshop™**
- Setting up other devices**
- Starting Cadex Batteryshop™**
- Setting up Cadex Batteryshop™**
- Servicing batteries**
- Product and technical support**

**Note:** Comprehensive documentation for Cadex Batteryshop™ can be found in the On-line Help file (**with Batteryshop™ running, Press F1**).

## Minimum system requirements

- A C72/C74/C74ER C-Series (firmware 1.1 or better) or C72/C74/C74ER (firmware 6.12 or better), or the C7000 battery analyzer (firmware 3.53 or better). Contact Cadex for the C7000 firmware upgrade kit.
- Dedicated computer with Windows XP / 2000 Professional (32-bit)
- 1000 MHz or better CPU, 160 MB free hard-drive space; 256 MB RAM with one analyzer; 512 MB RAM with more than one analyzer.
- Color monitor (16-bit), 1024 x 768 resolution, mouse; keyboard.
- UPS (uninterruptible power supply) and 2 Gb free hard-drive space if you want to collect Real-time data.
- USB port or RS-232 port for each battery analyzer: USB2 Hub for multiple CSeries battery analyzers; USB / COM port multiport adapter for C72/C74/C74ER/C7000 battery analyzers.

## Setting up other devices

Before you start Cadex BatteryShop for the first time, you must set up your label and standard Windows printers for printing labels and reports. For C-Series battery analyzers you will need to install a **C74xx USB COM Port Driver** found on the BatteryShop CD and you may need a USB2 hub for multiple C-Series battery analyzers.

Instructions for installing DYMO label printer drivers and USB support are in the Cadex BatteryShop PDF Manual found on the BatteryShop CD.

**Note:** You must install printer drivers for standard report and label printers for correct operation of Cadex BatteryShop™. The standard printer should be set as the default Windows printer. Windows comes with a large selection of drivers for standard printers.

Follow Dymo LabelWriter setup instructions and BatteryShop PDF Manual for more information on the setup of the Dymo LabelWriter 400 Printer. The recommended label size for the Dymo LabelWriter is 30334 (2-1/4 in x 1-1/4 in).

## Installing Cadex Batteryshop

1. Insert the Cadex Batteryshop CD in your CD-ROM drive.
2. Click **Start** on your Windows task bar, and then click **Run**
3. In the dialog box that appears, type **n:\setup.exe**, where n is the drive letter for your CD-ROM drive. For example, if your CD-ROM drive is drive D, you would type **d:\setup.exe**.
4. Follow the prompts on the screen.

- If the setup program finds a previous version, click **Yes** to upgrade. The setup program backs up your existing database, and then copies the data to the new database after it installs Cadex Batteryshop.
- The default installation location is *C:\Program Files\Batshop*, but you can specify another drive and/or folder.
- If the setup program prompts you to update system files, choose **Yes** and allow the system to reboot. The setup program restarts automatically, allowing you to complete the installation. If it does not restart automatically, repeat steps 2 and 3.

If you have any problem installing Cadex Batteryshop, see the *ReadMe.txt* file on the Cadex Batteryshop CD.

## Preparing battery analyzers for Cadex Batteryshop

*Preparing C72/C74/C74ER C-Series, C72/C74/C74ER, or C7000 analyzers*

1. From the global display, press **MENU**.
2. Using **▲** or **▼** to scroll through options and **ENTER** to select, choose **SYSTEM SETUP**, then **SERIAL PORT DEVICE**, and finally **BATTERYSHOP**.
3. Press **ENTER** to confirm, then press **ESC** twice.

*Preparing C7000 and C7000 ER analyzers*

1. From the global display, press **MENU**.
2. Using **S1** or **S2** to scroll through options and **ENTER** to select, choose **SYSTEM SETUP**, then **OUTPUT DEVICES**, then **SERIAL PORT DEVICE**, and finally **BATSHOP**
3. Press **ENTER** to confirm, then press **ESC** twice.

## Starting Cadex Batteryshop™

- Double-click the Cadex Batteryshop icon on the desktop. OR
- Click **Start** on the Windows Task Bar, point to **Programs**, then point to **Batteryshop**, and then click **Cadex Batteryshop**.

## Setting up Cadex BatteryShop™

The first time you start Cadex BatteryShop, the **Setup Wizard** opens automatically. Follow the on-screen prompts to set up these items:

- **Enter site information.** You must enter the serial number (on the back of the Cadex Batteryshop CD case), and the name and phone number of your work site before setup will continue.
- **Specify serial COM ports** to which Cadex battery analyzers are connected via RS-232 interface. Do not include ports connected to any other device or USB COM Ports to which C-Series analyzers are connected.
- **Format service reports and Battery ID and service labels.**
- **Set the default service-due period** for battery services.
- **Set reporting and security options.**

These settings can be changed in System Setup. See the Cadex Batteryshop Online Help for more information.

## Cable Connections

BatteryShop comes with USB cable(s) to connect the analyzer to the PC. The Analyzer comes with a null modem RS-232 cable to connect the analyzer to the PC. **Use the USB cable or the RS-232 cable but not both to connect the analyzer to the PC.**

Connect one end of the USB cable to the analyzer and the other end to the PC. If you power-ON the analyzer with the USB cable connected, the PC will detect the new USB device and prompt for USB Driver install files only if the driver was not previously installed. Browse to the USB folder on the BatteryShop CD to install the required drivers and walk through the remaining screen prompts on the PC.

## Servicing batteries

1. Turn on the analyzer(s) and start Cadex Batteryshop. *Do not insert any batteries yet*, although you can insert the battery adapters.
2. Under **Analyzers**, click **Connect**. Cadex Batteryshop starts communicating with analyzers connected to the mapped COM ports.

The main window displays an icon for each connected analyzer that is turned on. The top half of the icon shows number of the COM port to which the analyzer is connected followed by a dash and the first two digits of the analyzer model name. The bars in the bottom half of the icon represent the analyzer's battery service stations. The color of the bar indicates the station's status:



Black	White	Yellow	Green	Red
No Adapter	Adapter Inserted	Run	Ready	Failed