



Every electronic instrument needs periodic calibration to compensate for component drift due to aging. The Cadex Analyzer Voltage Calibration Kit offers a do-it-yourself method that is economical, quick and easy. For ISO9000 users, this kit includes a renewable calibration certificate that is valid for three years from the date of purchase and is traceable to a national standard.

Voltage Calibration Kit

This kit calibrates the following Cadex and Motorola C7x00 Battery Analyzers:

- C7000, C7000ER - firmware version V3.02 and above
- C7200, C7400 - all firmware versions
- Motorola BOS, BOSII – all firmware versions

If necessary, contact your sales representative to obtain a firmware upgrade

The kit consists of

Four Voltage Calibration Adapters	Part No. 07-130-0000
One C7x00 Calibration Guide	Part No. 89-204-1017
One Certificate of Calibration	This certificate ensures that the analyzer calibration is traceable to a national standard. This certificate is valid for three years, is renewable and covers all analyzers that are calibrated.

C7x00 Voltage Calibration Procedure

1. Turn ON the analyzer.
2. When the global screen is displayed, firmly insert the Voltage Calibration Adapters, one in each station (the C7200 battery analyzer requires only two Voltage Calibration Adapters).
3. Press the MENU key.
4. Scroll to SYSTEM SETUP using the \leftarrow key (On C7000/ER or BOS use S1 key) and press ENTER.
5. a. C7200, C7400, BOSII: scroll to 'Calibrate Voltage'.
b. C7000, C7000ER, BOS: scroll to 'Calibration', press ENTER scroll to 'Voltage Calibration.'
6. Press ENTER to begin calibration. The calibration process takes about 5 seconds.
7. Remove the Voltage Calibration Adapters when instructed on the screen.
8. Press the Menu key to return to the Global screen.
9. Press and release the Fn key, then press the number 7 to display the startup screen. The "#" should appear in the upper right corner to indicate a successful calibration.
10. The C7x00 is now voltage calibrated.
11. Perform Adapter/Station Calibration. Refer to the C7x00 Users Manual for adapter/station calibration instructions.

Maintaining Calibration

- **Voltage Calibration:** Using this kit, calibrate the C7x00 once a year to maintain performance specifications.
- **Adapter/Station Calibration:** Refer to the C7x00 Users Manual for information on maintaining adapter calibration.
- **Recalibrating the Voltage Calibration Adapters:** Return the voltage calibration kit to the factory every three years for recalibration and recertification. Contact Cadex or e-mail service@cadex.com for a cost estimate and a Return Authorization.