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Cadex C7200-C, C7400-C and C7400ER-C Firmware History

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Notes:

- a. The Cadex C7200-C, C7400-C and C7400ER-C analyzers use the same firmware.
- b. The non-C series analyzers (C7200, C7400 and C7400ER) use different firmware. The last release for the non-C series is version 6.11.

Version: Release Date

Major Improvements/Changes

Ver 1.00: May 18, 2006

- Initial release
- QuickSort program introduced – this program uses a standard matrix to estimate the State of Health of most cell phone batteries (Li-Ion, 3.6V, 500-1500mAh) within 30 seconds. QuickSort is on the list of basic programs.
- QuickTest has been moved to the Advanced Program list.
- Charge Optimization is now available for NiCd and NiMH batteries. Previously it was only available for Li-Ion and SLA batteries. When charge optimization is set to "Time" the battery terminates charge at the first opportunity. If set for "Capacity" additional charging is done to ensure maximum battery capacity. The default setting is "Time."
- Adapter calibration now provides resistance values. If the difference between the old and new value is more than 50 milliohms, the user is given a choice to accept or reject the new value. The C7000 C-Series Users Manual (P/N 89-307-1016) provides a range of acceptable values.
- The default negative slope for NiCd and NiMH batteries is 8mV/cell. However, for 1.2V or 2.4V batteries, the default negative slope is automatically set to 16mV/cell.
- dT/dt (terminating charge based on temperature) is now user programmable. The analyzer allows the user to select between 2°C per 2 minutes, 3 minutes, or 4 minutes for terminating charge based on temperature. The default setting is 2°C per 3 minutes.

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