CRT-300 Firmware Release Notes

Version 1.00a40

- Corrected reverse polarity message so it fits completely on screen.

- It was possible to create a corrupted CDF file by added unwanted spaces in the file. When opening this file with the CRT Previewer, it would give an error "value is not a valid integer value".

- Changed modem baud rate to 4800bps.

Version 1.00a39

- Extend test current range to 10–30 amps (was 10-20amps) for 7v - 15v load. When unit was on higher voltage jars, it would give an load auto range error.

Version 1.00a38

- Changed default frequency setting to 60Hz when booting unit up for the first time.

Version 1.00a37

- Added a new screen to help better instruct user when restoring calibration constants from the Smart Media memory card.

Version 1.00a36

- Added voltage selection before entering test current calibration. It was possible for unit to pull in wrong load if connected across a higher voltage than 2V.

- After testing 12V modules, the initializing period was reset after advancing to the next cell. If testing 12V modules at a rapid pace, it could result in the unit over heating and giving a warning message not allowing the unit to take measurements until it cools down. There is now a mandatory cool down time between resistance tests of ten seconds.

Version 1.00a35

- Will not record erroneous voltages while taking voltage readings.

- To reduce the chance of the message "Excessive Current" during resistance testing the test current limit was changed from 70A to 75A for 2v module in R test. On cells floating high it is possible to get momentary test currents of greater that 70 amps.

Version 1.00a34

- Function 3 button "ESC" works now on "Intercell Type" screen.

Version 1.00a34

- Not Released

Version 1.00a32

- Added new feature to allow intercell measurement to be made with spike probes. This added a new menu item under selection for intercell type called "computed"

- Test button on unit and spike probes will now allow retest in voltage mode.

Version 1.00a31

- Test button on unit and spike probes will now acknowledge error and warning messages.

Version 1.00a30

- Changing auto range current limit for 2V cell testing from 68 to 75amps has reduced excessive "load auto range" error messages.

Version 1.00a29

- Changing auto range current limit for 2V cell testing from 65 to 68 amps has reduced excessive "load auto range" error messages.

Version 1.00a28

- Implemented dial out phone number function.

- The "Cancel" will no longer works as "Accept" for LCD contrast.

- Improved some notification messages with a better description of its function.

- Test thresholds will now follow what is setup in configuration file. Previously they would get cleared to 0.

- Corrected the order of how keys are entered when identifying items with text names.

- The date format will now take affect when changed.

- Country code can now be set for the modem.

Version 1.00a27

- Can now record voltages in combine mode using spike probes.

Version 1.00a26

- Improved illegal key hits.

- String ID in the CDF file will now stay with the data if the data is loaded back into the Cellcorder. Store String ID to EEPROM when load CDF file from Smart Media disk.