

# PROCEDURE FOR RESTORING DISPLAY FUNCTION WHEN MEMORY IS FULL (MODEL 8127/8130)

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APPLICATION NOTE FT-001

Memory overflow is indicated by an “unassigned message #” or “user memory full” error. Following this procedure will clear the memory.



To complete this procedure the software “pepcr.exe” will need to be downloaded from the 8130 Support page on TSI web site. [www.tsi.com](http://www.tsi.com).

1. Turn off the power on the 8127/8130.
2. Remove the 11 screws that hold the display in its mount. Do **not** remove the mounting arm that connects to the main center column. Loosen the nut on the strain relief so that the cable to the display is free. Carefully lay the display on the top of the instrument. Remove the 25-pin connector from the back of the display. Do **not** remove the 6-pin power connector. Connect a standard RS-232 cable to a null modem and to the 25-pin connector on the back of the display. Connect the other end of the cable to a COM port on your PC. Tip up the display and prop it in this position to prevent it from running face down.
3. Turn on the power for the 8127/8130.
4. After initialization completes (about 1 minute), run the program “pepcr.exe”. The program will end when it is finished clearing the memory. Disconnect the RS-232 cable and reassemble the display.
5. It may be necessary to cycle the power for the 8127/8130 once more to restore proper operation.

**The procedure is similar for Models 8122 and 8135, but the display mounting arrangement is somewhat different.**





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