

Overall feedback was great. I included some prominent/specific points that we might not have heard already.

- Like test points (TP) on boards, etc.
- See casework as a BIG advantage. One Canadian technician talked about how a carpenter made custom cabinets, but charged \$140,000
- Error codes – make related text more prominent in separate bubble (see below screenshot from 630 manual).

Back Go To Table Of Contents Next

## Component Testing & Repair

### Main PC Board

**Error Codes**

If the PC Board detects a malfunction in the electrical system, the two Error Code LEDs on the PC Board will flash in a specific sequence to identify the cause of the problem.

How to Display an Error Code

**If you suspect a problem with a specific function...**

- Remove PC Board cover / locate Error Code LEDs
- Press hand/foot control button for desired function.

If an electrical malfunction is detected:

- Function will stop moving.
- You will hear a "beep".
- Error Code LEDs will flash error code sequence.

How to Recall Last Five Error Codes

**To recall the last five error codes ...**

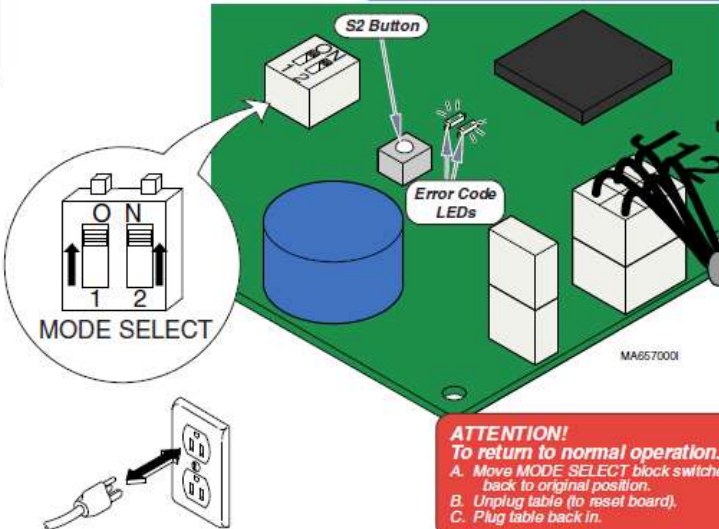
- Move both MODE SELECT switches to ON (up).
- Unplug table (to reset PC Board), then plug back in.
- Press and release S2 Button.  
*(To repeat error codes, press S2 Button again)*  
*(To erase all error codes from memory, press & hold S2 Button until you hear three "beeps")*

If there are error codes stored in the system memory;

- Error Code LEDs will flash the sequence of the five most recent error codes.  
*(You will hear three "beeps" between each error code)*

**ATTENTION!**  
To return to normal operation...

- Move MODE SELECT block switches back to original position.
- Unplug table (to reset board).
- Plug table back in.



**Main PC Board** Go To Page:

Error Codes:

- How To Display / Recall Last Five ..... B-40
- Identification (Error Code Charts) ..... B-41
- Calibration Procedure ..... B-42
- Child Lock-Out Mode ..... B-43
- Replacement ..... B-44
- PC Board Cover Removal / Installation:
  - models w/ Standard Base ..... C-2
  - models w/Rotational Base ..... C-3
- Wiring Diagrams ..... D-1
- Exploded Views / Part Numbers ..... E-23

**B-40** Main PC Board Models: ALL

© Medmark Corporation 2005 SF-1838 Rev. 1/07

### General field notes

- They try to use spare parts/pieces as much as possible (even components from PC Boards)
  - Possibly investigate and recommend no reuse when necessary
- J hooks on DVOMs/multi-meters recommended so "hands free" in field
- They're curious what happens to M7 sterilizers that get replaced/sent back.

The major challenge is getting these technicians more involved in the document resources. They really understood the value by the end of the school, but it was challenging to get some people comfortable using them on a regular basis. The answers are there, they just have to "know how to grab them" (e.g. the final test on the last day took some people a long time). I think that process improves greatly with product familiarity.