


















ESR-Auto Plus[®] RAM Reset Procedure

May 2010, 880004-3

Note: Performing a RAM reset will clear all existing patient and QC data. If possible, print the patient log file and QC data before proceeding with a RAM reset.

1. Unplug the instrument or use the on/off switch if your model is equipped, and wait at least 5 seconds. While holding down the red  button on the instrument keypad, plug in the instrument. The following instrument display readings may differ slightly, depending on the software version.
2. Instrument reads: *"Setup, Reset System?"*
Press the green  button.
3. Instrument reads: *"Reset All to Default?"*
Press the green  button.
4. Instrument reads: *"RAM Cleared Restart System."*
Unplug the instrument or use the on/off switch and wait at least 5 seconds.
Plug in the instrument (**do not hold the red  button**).
5. Instrument reads: Software version followed by *"OK for Setup?"*
Press the green  button.
6. Instrument reads: *"Motor Set Up, Please Wait."*
The instrument will cycle and print out the system settings.
7. Instrument reads: *"IR Auto Set, Remove Tubes."*
Remove all tubes/testrack and press the green  button.
8. Instrument reads: *"Calibrating..."*
9. Instrument reads: *"RAM Now Reset to Default."*
Press the green  button.
10. Instrument reads: *"Setup User Config?"*
Press the green  button.
11. Instrument reads: *"Set Date and Time?"*
Press the green  button. Default date format is YY-MM-DD.
If the date information is correct, press the green  button.
If not, press the red  button, enter the correct information and press the green  button to advance to the time menu.
If the time information is correct, press the green  button.
If not, press the red  button, enter the correct information and press the green  button.
12. Instrument reads: *"Set ESR Method?"*
Press the green  button.
13. Instrument reads: *"Set Tube Type?"*
Press the green  button.

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14. Instrument reads: *"1.2ml paed"*
To use 1.2ml tubes only, press the green  button.
To use 2.0ml tubes only, press the red  button until *"2ml?"* is displayed.
To use both 1.2ml and 2.0ml tubes, press the red  button until *"Both 1ml&2 ml?"* is displayed.
Press the green  button to accept the desired setting.
15. Instrument reads: *"Set Calibr.?"*
Press the green  button.
If the instrument reads *"0%"*, press the green  button.
If not, press the red  button, enter "0" and press the green  button.
16. Instrument reads: *"Set Meas. Time."*
Press the red  button.
17. Instrument reads: *"Set Printouts?"*
Press the green  button.
18. Instrument reads: *"Auto Print?"*
Press the green  button.
19. Instrument reads: *"Ticket Style?"*
Patient results can print in either Ticket style or Log file style.
This should be set to match how the output of information to the LIS was written.
For ticket, press the green  button.
For log file, press the red  button.
20. Instrument reads: *"Config Ports?"*
Press the green  button.
21. Instrument reads: *"Int prn On?"*
Press the green  button.
22. Instrument reads: *"Com 1 On?"*
Press the green  button.
23. Instrument reads: *"Com 2 On?"*
Press the green  button.
24. Instrument reads: *"Main Printer, int. prn?"*
Press the green  button.
25. Instrument reads: *"Print Set-up?"*
Press the red  button.
26. Instrument reads: *"Set Access Code?"*
Press the red  button.
27. Instrument reads: *"See Sys Info?"*











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- Press the red  button.
28. Instrument reads: “*Service Menu?*”
Press the green  button.
29. Instrument reads: “*Give Code.*”
Enter “48” and press the green  button.
30. Instrument reads: “*Set Languages?*”
Press the red  button.
31. Instrument reads: “*Date Style?*”
Press the green  button.
Press the red  button to scroll through the time and date formats.
Press the green  button to accept the preferred format.
32. Instrument reads: “*Code USR Config?*”
Press the red  button.
33. Instrument reads: “*Set IR Power?*”
Press the red  button.
34. Instrument reads: “*LCD Contrast?*”
Press the red  button.
35. Instrument reads: “*Set Alarms?*”
Press the green  button.
36. Instrument reads: “*Overfill*”
If the instrument reads “690”, press the green  button.
If not, press the red  button, enter “690” and press the green  button.
37. Instrument reads: “*Low Fill*”
If the instrument reads “510”, press the green  button.
If not, press the red  button, enter “510” and press the green  button.
38. Instrument reads: “*No Fill*”
If the instrument reads “200”, press the green  button.
If not, press the red  button, enter “200” and press the green  button.
39. Instrument reads: “*Max*”
If the instrument reads “1200” (or “120,” depending on software revision), press the green  button.
If not, press the red  button, enter “1200” and press the green  button.
40. Instrument reads: “*Motor Settings?*”
Press the red  button.

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41. Instrument reads: *"Printouts?"*
If instrument is not connected to the LIS, press the red  button.
When transmitting data to an LIS, press the green  button. (The most common LIS printer settings: "Int Prn Type" = 1; "Main Port" = 3; "Enabled Ports" = 7.)
42. Instrument reads: *"Set Prediction?"*
Press the red  button.
43. Instrument reads: *"Reg Test Rack?"*
Press the green  button.
44. Instrument reads: *"Sure?"*
Press the green  button.
45. Instrument reads: *"Insert New Rack."*
Insert the testrack and press the green  button.
The instrument will scan the rack twice and print the results.
46. Instrument reads: *"Set thermometer?"*
Press the green  button.
47. Instrument reads: *"Compensation On?"*
Press the green  button.
48. Instrument reads: *"Celsius___"*
If the instrument matches the ambient temperature in your laboratory, press the green  button. If not, press the red  button, enter the correct temperature and press the green  button.
49. Instrument reads: *"Test Mode On?"*
Press the red  button.
50. Instrument reads: *"Reading Test?"*
Press the red  button.
51. Instrument reads: *"Power Test?"*
Press the red  button.
52. Instrument reads: *"Motor Initializing, Please Wait."*
53. Instrument reads: *"Next Sample."*

The instrument is now ready for sample analysis.