

Fresenius Medical Care North America Service Bulletin

Equipment: 2008T BlueStar™ Hemodialysis Machines
 Bulletin: 23-BLU-001 Rev A
 Subject: Independent Conductivity

1.0 PURPOSE

To inform all Field Service and Technical Support personnel as well as Fresenius Medical Care-trained customers of the Independent Conductivity feature on 2008T BlueStar™ Hemodialysis machines.

2.0 REFERENCE DOCUMENTS

- 2008T Calibration Procedures (P/N 508032)
- 2008T Preventing Maintenance Procedures (P/N 508033)

3.0 SCOPE

Activation:

In order to use the Independent Conductivity feature it must be enabled. Enabling this feature is done in Service Mode and can be found on the Hardware Options screen.

On the Hardware Options screen, locate Independent Cond Test, select Yes and then Press the Confirm key.

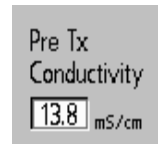
In order to use this feature, the Conductivity Confirmation Cell Calibration must be performed. Refer to the calibration procedure outlined in the 2008T Calibration Procedures (P/N 508032)

Operational description:

The Independent Conductivity test runs during self-test before every treatment and looks for accuracy of the pre to post conductivity cell of +/- 0.2mS. If Independent Conductivity passes it will be marked in blue as is shown below. If it fails, it will be marked in red.



When the Independent Conductivity test is shown at the end of the test list, the conductivity has also been independently verified by the machine and the independent conductivity reading is displayed on the "Dialysate" screen under the heading "Pre Tx conductivity".



Routine Maintenance:

As part of the 6-month Preventive Maintenance outlined in the 2008T Preventive Maintenance Procedures (P/N 508033), the conductivity is verified with a calibrated external conductivity meter. During this verification, the displayed conductivity is compared to the external meter and must be within 0.1mS/cm. The theoretical conductivity (TCD) is also verified to the external meter and must be within 0.2mS/cm. If the verification does not pass, conductivity calibration is required.

If there are any questions regarding this bulletin, contact Fresenius Medical Care Technical Support at 800-227-2572.

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