



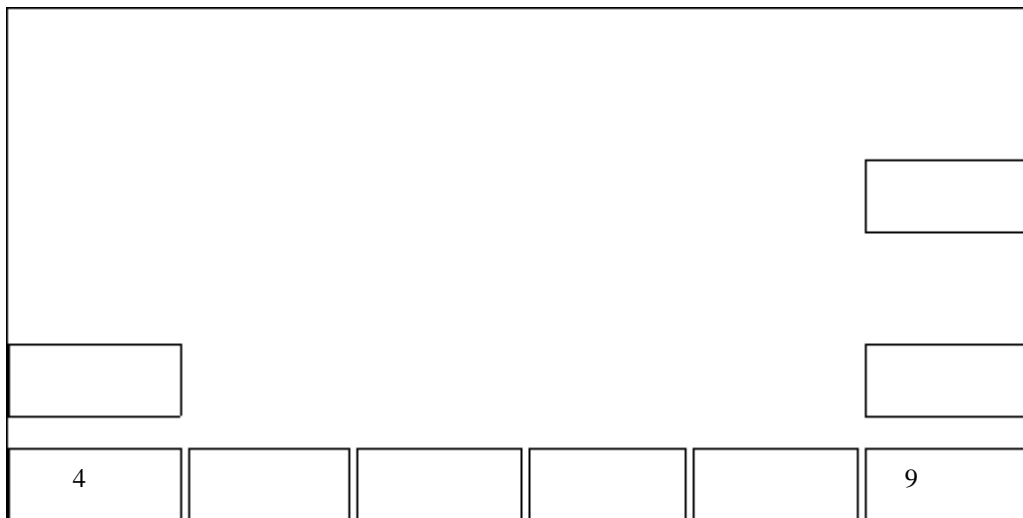
Prisma[®] System Scale Diagnose and Calibration Procedures

BEFORE YOU BEGIN

- Read complete description of Scale Diagnose and Scale Calibration procedures in Prisma Service Manual
- These instructions are not meant to replace the Prisma Service Manual instructions

ENTER SERVICE MODE

- Insure Prisma machine is turned off
- Simultaneously press and hold the softkeys 4 and 9 as shown below. Press the power switch on and hold the softkeys until the PRISMA Service Screen displays.



DIAGNOSE SCALES

- Access Service Mode per above procedure
- Press Diagnose softkey to access Service-Diagnose Screens (for a complete description of "Service-Diagnose Screens", consult Prisma Service Manual, page 5-11).
- Press Scales softkey to access the diagnose screen for scales
- Observe values displayed for A/D and Averaged-grams displayed on Prisma screen. The values should be as follows:
 - A/D values: The A/D Monitor and Control readings are displayed as bits. Each bit represents the voltage signal at the scale and each bit is approximately equal to 1 gram. When there is no weight on the scale, -3000, ± 500 should be displayed as the A/D control and monitor readings.
 - Averaged-grams: When no weight is applied, the Averaged-grams readings should be 0, ± 7 grams. If you wish to check the calibration of the scales, you can

place either or both of the 2600-gram weights on the scale and monitor the values. The reading should be ± 7 grams for either weight.

CALIBRATE SCALES

- Access Service Mode per procedure above
- Press the Calibrate softkey to access calibration screens and procedures for scales, pressure sensors, setting filter clotting limits, setting the real time clock/calendar, and setting the PRISMA ID number (for a complete description of these screens, consult the Prisma Service Manual, pages 5-4 through 5-10).
- Press Scales softkey to access calibration screen for scales. Note that the softkeys appear on the screen in the approximate location of each scale on the machine (i.e., the dialysate scale is on the left side, effluent scale is in the middle, and the replacement scale is on the right side of the machine).
- Press the softkey for the scale you wish to calibrate. Verify that no weight is applied to the selected scale.
 - The first screen will instruct the user to “place weight on selected scale. Use weight of –100 to 100 grams”. DO NOT place any weight on the selected scale. Wait for the “Scale Stable” message to appear.
 - Press Next softkey
 - The second screen will instruct the user to “place weight on selected scale. Use weight of 2500 grams to 2700 grams”. Place one weight (2600 grams) on the selected scale. Wait for the “Scale Stable” message to appear.
NOTE: Place weight on middle hook of selected scale to insure even distribution of weight
 - Press Next softkey
 - The third calibration screen will appear and instruct the user to “place weight on selected scale. Use weight of 5100 grams to 5300 grams”. Place both Prisma weights on selected scale. Wait for “Scale Stable” message to appear.
NOTE: Place weights on outer hooks of selected scale to insure even distribution of weight
 - Press Store softkey
- Now that the selected scale is calibrated, the Service-Scales Calibrate screen returns to the Service Scales screen. Remove the weights and calibrate any of the other scales using this same procedure.
- When scale calibrations are complete, press Exit softkey until the main Service screen appears. Repeat DIAGNOSE SCALES to insure all scales are in calibration.
- Press Exit softkey until main Service screen appears. Press Restart softkey to restart the Prisma System. The machine will enter Setup Mode, Choose Patient screen.

CLINICAL ASSISTANCE SERVICE

- Available 24 hours/day, including weekends and holidays
- Call if further assistance is required

Reference:

Gambro Renal Products, Inc. Prisma System Service Manual, 1999, Chapter 5, pages 5-1 through 5-13.



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