

The ATX-2 has two tanks, each mounted on a load cell. One tank is for new fluid and one is for used fluid. Each tank is **permanently bolted** to a load cell platform which **can not be removed** from the unit. The calibration procedure below must be performed for each load cell.

REASONS TO CALIBRATE LOAD CELLS

1. **REMOVE USED FLUID** flashes and three beeps are heard when trying to select amount of fluid to be exchanged. The level of fluid in the used fluid tank is observed to be such that the tank is not full or would not fill to capacity during an exchange procedure. For example, **8 LITERS** is pressed and there is obviously room in the used fluid tank to accept 10 or more liters. Calibrate used fluid tank load cell.
2. **ADD NEW FLUID** flashes and three beeps are heard when trying to select amount of fluid to be exchanged. For example, **8 LITERS** is pressed and more than 10 liter of fluid can be seen in the new fluid tank. Calibrate new fluid tank load cell.
3. **REMOVE USED FLUID** flashes continuously. Calibrate the used fluid tank load cell.
4. **ADD NEW FLUID** flashes continuously. Calibrate the new fluid tank load cell.
5. The control board is replaced for any reason. **BOTH** load cells must be calibrated.

CALIBRATION OF A LOAD CELL

1. Remove the rear panel.
2. Place the end of the black hose on the right side of the ATX-2 into a collection container and open the valve.
3. Press and hold **4 LITER** and **20 LITERS** buttons until a long beep is heard.
4. Select which load cell is to be calibrated.
 - a) Press **-1/2 LITER** to calibrate the used fluid load cell. **REMOVE USED FLUID** will be flashing. A short beep will be heard.
 - b) Press **+1/2 LITER** to calibrate the new fluid load cell. **ADD NEW FLUID** will be flashing. A short beep will be heard.

The pump will run and empty the contents of the selected tank through the 8 ft black hose into the collection container.

5. Press the **STOP** button when fluid is no longer leaving the machine through the black hose and the selected tank is empty. The pump will stop running. The **4 LITERS** will be flashing. A short beep will be heard. Check that the tank is empty.
6. Press the **STOP** button again. The **12 LITERS** will be flashing. A short beep will be heard. This programs the minimum weight.
7. Place calibration weight - one 10 kg (22 lb) or two 5 kg (11 lb) weights - on the top of the selected tank.
8. Press the **STOP** button. The **12 LITERS** will be illuminated. A short beep will be heard. This programs the maximum weight.
9. Remove calibration weight(s) and replace rear cover.
10. Press the **STOP** button again. A short beep will be heard. The machine returns to regular operating mode.

