

Main (Part 2) Service Overview - PX3000

Before any service is performed, a full system calibration is performed insure the system is functional.

1. **SWITCH THE UNIT ON**, and allow it to warm up (30 - 45 minutes).
2. Check / Adjust the Gas pressures to 43 psi.
1. Go into PlusRA, Sdasa-0 / Sdasa-1, Acquisition , Sample GEM MGA, Check Channels 4 & 5 (GMFL & GMLn = 0.0).
2. While in PlusRA Check Co & CH4, and CO2 & O2 have the correct values. (Difference 3.3v / O2 5v)
3. Exit PlusRA, and go into the main KoKo calibration screen. Perform a full system calibration.
4. Now perform a biological control test.
- 5.

If any calibration checks are out of range, perform a calibration as in a Part 1 service in PlusRA.

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|----|----------------------------|------|-----------------|------------|-----------------|-------------|
| 1. | Channel 1 - Line Pressure | GMLn | Should be 0.00 | + - 0.005v | Pot R32 Bodybox | Pot R20 GEM |
| 2. | Channel 2 - Mouth Pressure | GMth | Should be 0.000 | + - 0.005v | Pot R11 Bodybox | Pot R23 GEM |
| 3. | Channel 3 - Flow | GMFL | Should be 0.00 | + - 0.02v | Pot R41 Bodybox | Pot R11 GEM |
| 4. | Channel 4 - Box Temp | Temp | 0.23 = 23 oC | | | |
| 5. | Channel 5 - Bar Pressure | GMBP | 7.70 = 770 mbar | | | |