



Radiometer ABL90 FLEX and FLEX PLUS



- **Consumables**

	Sensor Cassette	Solution Pack
Storage Temperature	Refrigerated (2-8°C)	Room Temperature (2-25°C)
Stability	<ul style="list-style-type: none"> • 30 Days onboard • Unopened: Manufacturer's expiration date. 	<ul style="list-style-type: none"> • 30 Days onboard • Unopened: Manufacturer's expiration date.
Handling Requirements	<ul style="list-style-type: none"> • Follow onboard video guidance to replace • Conditioning can take up to 4 hours 	<ul style="list-style-type: none"> • Follow onboard video guidance to replace. • Pull out red pin and using palms of both hands snap tabs into place

- **Testing Procedural Notes**

- One level of QC is automatically run every 8 hours.
- Use Lithium heparin syringes for venous or arterial draws.
- Both syringes and capillary tubes must be mixed before testing.
- CSN numbers are the 10-digit numbers on the patient armband. If it is not possible to scan the CSN and you manually enter it DO NOT include the "AC".
- Make sure panel and sample type are chosen correctly.
- Sample type is the source of the blood (capillary-heel stick, venous, arterial) and not the specimen container (ex capillary tube, syringe)
- If the incorrect sample type, but incorrect panel was chosen and the results have not posted to the patient's chart, the POCT office can correct the error and resend the results.
- If the incorrect panel is chosen, the results will not post to the chart and will have to manually entered.
- Clean analyzer as needed with appropriate commercial surface decontaminations that are approved by the HEIC.
- Check top left corner for Ready Mode before beginning a test.
- Make sure all parameter tabs are green. If yellow, check for the associated Calibration or QC error and correct.
- The traffic light in the Analyzer Status should be green. If yellow, click on traffic light to check for Calibration, QC or consumable error and correct if necessary.
- Patient correlations are to be run three times year by testing personnel to compare results to the Critical Care Lab and Core Lab.



- **Operator Competency**

- Review POCTM031 in HPO – All operators are responsible for information in procedure.
- Complete MyLearning module with at least an 80% on the Post-Test at initial training, at 6 months and annually thereafter.
- Initial training, 6 month affirmation, and yearly competency is documented on the ABL90 Competency Checklist (Appendix C of procedure) and sent to Point of Care Office.
- If these requirements are not met, operators will be locked out of the ABL90s and will require retraining prior to testing privileges being restored.

- **Troubleshooting the Radiometer ABL90 FLEX & FLEX PLUS**

Error	Troubleshooting Steps
<i>Clots or fluidic errors</i>	Follow the video guidance and use the ABL90 Flush Device
<i>Replacing reagent pack or sensor due to errors and before expiration date</i>	Complete a Consumable Credit Report
<i>Result Transmission error</i>	Menu, Utilities, Setup, Gen Setup, Communications, AQUIRE connection, uncheck communicate with AQUIRE, Clear queue, Recheck communicate with AQUIRE.

- If basic troubleshooting fails, contact the POCT Office for additional assistance or contact the Field Service Engineer or Radiometer (1-800-736-0600).
- POCT Office:
 - Office Location: CMSC SB207
 - Office Hours: Monday-Friday 7:00-16:00
 - POCT General Phone Line: 5-2645
 - Email: POCTGroup@exchange.johnshopkins.edu
 - Website: <http://pathology.jhu.edu/department/staff/POCT/home.cfm>