

Infant Incubator Preventative Maintenance

Preventive Maintenance Checklist

1. Clean humidification chamber.
2. Check seals around doors and ports.
3. Lubricate fan and tighten bolts to prevent noise.
4. Clean or replace bacterial filter on air intake (needed more frequently in dusty environments).
5. Clean incubator (use warm water, detergent, and antiseptic only).
6. Insure doors and ports stay shut when latched.
7. Check electrical plug.
8. Check that cradle tilt is working and adjustable.
9. Drain and dry tray. Refill with sterile water immediately before use. Change water daily.
10. Check O₂ circuit connections and O₂ concentration inside unit.
11. Inspect wheels/casters.
12. Clean air intake filter with detergent if washable and necessary.
13. Check leakage current (<300 microamps).
14. Check ground resistance (<0.5 ohms).
15. Search for air leaks on case, especially at junctions or joints of different plates or pieces (using detergent and toothbrush while unit is sealed can reveal leaks).
16. Check for evidence of fluid spills and clean any found spills.
17. Verify controls and switches are operating properly.
18. Check for unusual noise or vibration.
19. Test audible and visible alarms and indicators.