

Test Run Report

Lifepak 1000 (B30296)

Asset Name	Lifepak 1000
Model	-
Asset Tag	B30296
Serial Number	40464897
Location	-
Tenant	Medicore Medical Services
Test Template	Lifepak 1000 - Annual Test (v1.0)
Performed By	David Bradley
Started	2026-01-30 01:18
Completed	2026-01-30 01:21
Duration	2m 11s
Test Equipment Used	ECG Simulator Pro (Ok), Fluke Impulse 7000 (Ok), Fluke QA-ES III (Ok)
Status	Completed
Overall Result	Failed
Return-to-Service Decision	Quarantine
Quarantine Reason	Shock outside of scope

Test Results

#	Step	Actual Result	Type	Pass/Fail	Comment
1	Device Identification Record manufacturer, model (LIFEPAK 1000), serial number, asset ID, firmware/software version, battery model/lot.	-	Text Note	Pass	-
2	Visual Inspection Inspect casing, screen, buttons, speaker, connectors, battery compartment and labels. No damage, corrosion or fluid ingress.	Yes	Yes/No Check	Pass	-
3	Accessories Present Confirm adult pads present and in date. Confirm paediatric pads/attenuator if supplied. Confirm battery present.	Yes	Yes/No Check	Pass	-
4	Consumables Status Confirm pads and battery are within service life. Replace via Service Action if required (do not fail unless functional impact).	Yes	Yes/No Check	Pass	-
5	Engineering Setup Remove device from carry case. Disconnect pads. Prepare electrical safety analyser and defibrillator analyser.	-	Instruction	Pass	-
6	Power State Declaration Select power state used for testing. Mains connection triggers full electrical safety testing.	-	Multiple Choice	Pass	Battery
7	Protective Earth Resistance (Mains only) Measure protective earth resistance from earth pin to exposed metal.	-	Measurement	-	-
8	Enclosure Leakage Current (NC) (Mains only) Measure enclosure/touch leakage current under normal condition.	-	Measurement	-	-
9	Patient Leakage Current – ECG (NC) (If ECG fitted) Measure patient leakage via ECG applied parts (BF).	-	Measurement	-	-
10	Defibrillator Analyser Setup Connect LIFEPAK 1000 to calibrated defibrillator analyser set to 50 ohm load using test cable or pads.	-	Instruction	Pass	-
11	Power-On Self Test Power on device. Confirm no fault codes and readiness indicator OK.	Yes	Yes/No Check	Pass	-

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#	Step	Actual Result	Type	Pass/Fail	Comment
12	Speaker and Prompts Confirm voice prompts and tones are clear and audible.	Yes	Yes/No Check	Pass	-
13	Charge Time @ Maximum Energy Select maximum adult energy and measure charge time to ready-to-shock.	10 seconds	Measurement	-	-
14	Delivered Energy @ 200J (50Ω) Deliver 200J shock into 50Ω and record delivered energy.	123 J Range: 170 - 230 J Fail	Measurement	Fail	-
15	Delivered Energy @ 300J (50Ω) Deliver 300J shock into 50Ω and record delivered energy.	299 J Range: 255 - 345 J Pass	Measurement	Pass	-
16	Delivered Energy @ 360J (50Ω) Deliver 360J shock into 50Ω and record delivered energy.	-	Measurement	-	-
17	Post-Shock Recovery Confirm device returns to analysis/ready state without error after shock.	Yes	Yes/No Check	Pass	-
18	Rhythm Simulator Setup Prepare rhythm simulator for VF, pVT, Asystole and NSR waveforms.	-	Instruction	-	-
19	Rhythm Analysis – VF Simulate ventricular fibrillation. Confirm 'Shock Advised'.	-	Yes/No Check	-	-
20	Rhythm Analysis – pVT Simulate pulseless VT. Confirm 'Shock Advised'.	-	Yes/No Check	-	-
21	Rhythm Analysis – Asystole Simulate asystole. Confirm 'No Shock Advised'.	-	Yes/No Check	-	-
22	Rhythm Analysis – NSR Simulate normal sinus rhythm. Confirm 'No Shock Advised'.	Yes	Yes/No Check	Pass	-
23	CPR Prompt Interval Measure CPR interval following shock or no-shock decision.	12 Range: 0 - 2	Measurement	-	-
24	Paediatric Setup Fit Infant/Child pads or attenuator if applicable.	-	Instruction	-	-
25	Paediatric Energy @ 200J Selected With paediatric pads fitted, select 200J and measure delivered energy.	-	Measurement	-	-
26	Paediatric Energy Cap Verification Select maximum adult energy and confirm paediatric output does not exceed 86J nominal.	-	Measurement	-	-
27	Configuration – Stacked Shocks Disabled Verify stacked shocks are OFF (single shock then CPR).	-	Yes/No Check	-	-
28	Configuration – CPR Time After Shock Verify CPR interval after shock is 120 seconds.	-	Measurement	-	-
29	Configuration – CPR Time After No Shock Verify CPR interval after no-shock is 120 seconds.	-	Measurement	-	-
30	Configuration – Pulse Check Prompt Verify pulse check prompt behaviour.	-	Multiple Choice	-	-
31	Final Engineering Check Reconnect pads, refit battery, clean device, ensure correct reassembly.	-	Instruction	-	-
32	Ready for Clinical Use Confirm device operational, labelled, and safe for return to service.	-	Yes/No Check	-	-
33	Technician Comments Record advisories, service actions performed, parts replaced, or deviations.	-	Text Note	-	-