

BIOMarine 240 S Test Procedures Check List

STEP	Procedure
1. Visual Inspection	Facepiece, Hoses , harness, upper and lower housing
Facepiece Hoses Harness Upper + Lower Housings	Inspect Components of the facemask, apply spray Check for excessive wear and/or damage Check for excessive wear and/or damage Check for excessive wear and/or damage
2. Oxygen Cylinder Pressure	Remove the Upper Housing Ensure that the cylinder contains more than 2700 psig
3. High Pressure Leak Test	Remove Breathing Chamber Lid and CO2 Scrubber Connect Breathing Hoses with Hose Coupler Fitting Wedge 2 Wooden Tongue Depressors in 1 of the slots along the Edge of the Breathing Chamber Open Oxygen Cylinder Check Each Plumbing Joint with Leak Tec. Allow Leak Tec to set for a minimum of 1 minute then visually inspect all plumbing joints for signs of Constant Bubble Formation Remove the 2 Wooden Tongue Depressors Close Oxygen Cylinder Valve
4. Constant Flow Test	Place Test Meter over the Demand Valve housing Wedge a Wooden Tongue depressor in 2 of the Slots along the edge of the Breathing Chamber Open Oxygen Cylinder Valve Check the Flow Reading (should be between 1.64 and 2.4 Lpm) Remove Tongue Depressors Close Oxygen Cylinder Valve
5. Low Pressure Leak Test	Remove the Hose Coupler Fitting and Connect Hoses to the Leak Test Fixture Insert a Test Key into the slotted hole in the rear of the lower Housing and Turn the Key 1/4 turn to lock into position Open Oxygen Cylinder Valve Use Bypass Valve to Inflat the Ballon of the Test Fixture to an approximate 45 degree angle Close the Oxygen Cylinder Valve Depress the Bypass Valve to Vent the Internal pressure Observe the Test Ballon for a period of 2 Minutes Disconnect the Text Fixture and Connect Breathing Hoses to facepiece Remove the Test Key from the Rear of the BIOPAK