

MDM & MXR Machine Checklist for Pipeline Supplied Machines

AIMS

1. To check adequate gas supply
2. To check correct functioning of controls and flowmeters
3. To check the automatic cut-out of nitrous oxide flow
4. To check reservoir bag for leaks

METHOD

Start with machine plugged into N2o - O2 outlets

Gas check

1. Ensure both Oxygen and Nitrous Oxide pressures Check are Green on local gas alarm panel (auto manifold fed systems) or check pressure on regulator gauges

Failsafe check

2. Open flow control and set to **6 Litres O2** turn mixer control to **50%**
3. **Disconnect Oxygen probe** from pipeline terminal (or turn off O2 cylinder at regulator on small pipelines)
4. Check that both flowmeters balls fall to **zero**

Flowmeter and control check

5. Reconnect Oxygen probe (or for small pipeline turn on O2 cylinder on)
6. Set mixture control at **100%**
7. Open flow control. Set flow metre at **6 litres/minute** oxygen
8. Set mixer control at **50%**
9. Check that both flow metres indicate $3 \text{ L/min} \pm 0.5 \text{ L/min}$

Reservoir bag inspiratory valve check

10. **Turn off flow control.** Set mixture control at **100%** oxygen
11. Occlude common gas outlet
12. Press oxygen flush to inflate reservoir bag
13. Check that bag holds pressure and no gas escapes

Machine ready for use

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