MDM & MXR MACHINE CHECKLIST FOR FREE STANDING UNITS
(ALSO SUITABLE FOR USE ON ACCUTRON NEWPORT FLOWMETERS)

AIMS

1. To check contents of all gas cylinders
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
5. To check the high pressure gas cylinder circuit and regs for leaks

METHOD

Start with all cylinders off

| Gas Check | 1. Open 'FULL' oxygen cylinder  
Check pressure gauge rises  
2. Open 'FULL' nitrous oxide cylinder  
Check pressure gauge rises |
|---|---|
| Bleed System | 3. Open flow control with mixer control set at 30% oxygen  
4. Switch off both cylinders (nitrous oxide first)  
5. Check that both flowmeters fall to zero  
6. Set flow control to zero |
| Gas Check | 7. Open both 'IN USE' cylinders  
8. Check that both pressure gauges rise  
9. Turn off cylinder valves and ensure cylinder content  
gauge needles do not fall.  
10. Turn both 'IN USE' cylinders back on |
| Flowmeter and Controls Check | 11. Set mixture control at 100%  
12. Open flow control. Set flowmeter at 6 litres/minute oxygen  
13. Set mixer control at 50%  
14. Check that both flowmeters indicate 3 L/min ± 0.5 L/min |
| Automatic Cut-out Check | 15. Turn off the oxygen cylinder - WAIT  
16. Check that BOTH flowmeters fall to ZERO |
| Reservoir Bag Check | 17. Turn the oxygen cylinder back on  
18. Turn off flow control. Set mixture control at 100% oxygen  
19. Occlude common gas outlet  
20. Press oxygen flush to inflate reservoir bag - check for leaks |

Machine ready for use

*Please note: MXR R A Machines: adjustment of mixture control will not automatically maintain original flow setting. The same principle applies to the Accutron Newport.