

PRE-USE CHECKLIST FOR FREE STANDING SEDATION MACHINES

Suitable for use on: MDM/ DMDM/ MXR/ Ultra/ Ultra Digital & Newport

- 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

Leak Check

3. Turn off cylinder valves and wait for around 30 seconds, ensure cylinder content gauge needles do not fall.

Bleed
System

4. Open both cylinders again
5. Open flow control with mixer control set at 30% oxygen
6. Switch off both cylinder valves (nitrous oxide first)
7. Check that both flowmeters fall to zero
8. Set flow control to zero and mixture control to 100%

Flowmeter
and Controls
Check

9. Turn on both 'IN USE' cylinders
10. Open flow control. Set flowmeter at 6 litres/minute oxygen
11. Set mixer control at 50%
12. Check that both flowmeters indicate 3 L/min \pm 0.5 L/min *

Automatic
Cut-out Check

13. Turn off the oxygen cylinder - WAIT
14. Check that BOTH flowmeters fall to ZERO

Reservoir
Bag Check

15. Turn the oxygen cylinder back on
16. Turn off flow control. Set mixture control at 100% oxygen
17. Occlude common gas outlet
19. Press oxygen flush to inflate reservoir bag, check for leaks

*This tolerance only applies to Analogue flowmeters

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.**

Issue 5 31/08/2022 R A MEDICAL SERVICES LTD T: 01535 652444 info@ramedical.com

