

## 5210 and 5215 Oxygen Decanting Assembly instructions

Oxygen is a very dangerous gas if used incorrectly. This includes filling too fast as excessive heat will be generated which could very easily lead to the deterioration of the charging hose supplied with assembly. You must take great care and responsibility when decanting oxygen from a storage cylinder. The recommended maximum working pressure with analogue is 232 bar. With digital it is 300 bar.

### Read through these instructions first!

Before any of the above procedures are carried out, it will be assumed that you attended the appropriate training courses and are suitably competent to undertake the decanting of oxygen.

1. Ensure the needle valve on this assembly is fully closed before use.
2. Now fit the Bullnose into the storage cylinder ensuring it is tight using hand pressure only.
3. Connect the "Din" filling adapter into the cylinder to be filled and ensure the bleed screw is closed.
4. Ensure the valve on the cylinder to be charged is closed.
5. Now open up the storage cylinder valve fully.
6. Open the needle valve very slightly letting the pressure build up **very slowly** until the gauge comes to a stop. Only when this has been achieved may you open the needle valve a full turn.
7. Now open the cylinder valve with care until you have decanted sufficient oxygen. You must fill very slowly to prevent a heat build up. Then close the valve.
8. When this has been achieved and if you are only filling 1 cylinder, close the storage cylinder valve and purge the assembly by opening the bleed screw with care. If filling more than 1 cylinder, close the needle valve and repeat as above.
9. Only oxygen compatible grease may be used with **ANY** fitting that comes into contact with oxygen. Use our 0102 grease for this purpose.
10. Always ensure there is adequate ventilation in the filling area.
11. Ensure that there are no flammable substances anywhere near the oxygen storage area.
12. **No naked flame** of any sort must be anywhere near oxygen. Light switches can also cause sparks! **Oxygen is highly flammable.**
13. If in any doubt about what you are doing you must seek advice. Your gas supplier has a specialist department to answer most problems.
14. If our DPM 300 digital gauge is fitted to this assembly you must read and understand the functioning of this gauge before you proceed with decanting operations. See the separate instruction leaflet supplied with this assembly.