



Major Dental Equipment Utility Specifications

Oxygen/Nitrous Oxide

IMPORTANT –ensure all plumbing is installed in accordance with AS2896-1998
“Medical gas systems - Installation and testing of non-flammable medical gas pipeline systems”

1. O2 OXYGEN Supply 1/2" (12mm) dia copper pipe – refrigerated grade from central tank location with branch to each operatory as required.
MARK MEDICAL OXYGEN PIPING WITH CORRECT LABELLING

- Finish within operatory – to be reduced to suit ¼" OD tailpipe on MG00 gas outlet station.

- Finish within central gas tank location – to be reduced to suit ¼" OD tailpipe on MG00 gas outlet station.
2. N2O NITROUS OXIDE Supply 3/8" (10mm) dia copper pipe – refrigerated grade from central tank location with branch to each operatory as required.
MARK MEDICAL NITROUS OXIDE PIPING WITH CORRECT LABELLING

- Finish within operatory – to be reduced to suit ¼" OD tailpipe on MG0N0 gas outlet station.

- Finish within central gas tank location – to be reduced to suit ¼" OD tailpipe on MG0N0 gas outlet station.
3. V VACCUM OPTION Supply 25mm ID PVC line (originated from suction motor location) to terminate within cabinetry at same location as O2 and N2O gas stations can be branched from main suction line leading to dental units.

Note. ELECTRICAL REQUIREMENT

Supply figure 8 control wire from suction unit location, leaving 500mm tail with cabinet for connection of remote suction on/off switch.

Hydraulic_specification_N20system_MGoutlets.v2