

## MONOPLACE HBOT CHAMBER



Low purity alarm  
High/low pressure alarm  
Power failure alarm



innovative cooling system



Outlet pressure:  
20-60PSI/1.4-4Bar/  
0.14-0.4MPa

MONOPLACE CHAMBER	TECHNICAL DETAILS
PRICE (Incl. VAT)	R 1 459 900
Dimensions (LXBXH)	249 X 100 X 157 cm
Length Including Gurney	439 cm
Max Tested Pressure	6ATA
Max Operating Pressure	3ATA
Emergency Vent Rate	3ATA to 0 in 120s
Valves	2 Electronic and 1 Manual Emergency
Operating Temperature	10 – 38 C
Purge Flow Rate	240L to 400 L/pm
Max Patient Weight	160Kg (Customisable)
Chamber Weight	775Kg
OXYGEN CONCENTRATOR	TECHNICAL DETAILS
Flow Rate	10 L/pm
Outlet Pressure	0.114 – 0.4MPa
Sound Level	≤50db
Power	850W
LCD Display	Switch Times, Operating Pressure, Current Time Duration, Total Hours
Net Weight	85Kg
Alarm	Low Purity, High and Low Pressure, Power Failure
Size	850 x 410 x 725 mm

### FEATURES

- Genesis OT Monoplace HBOT Chambers maximise comfort by allowing the patient to rest in a reclined or angled position.
- The patient is permitted to use Electronics in the chamber contributing to patient wellbeing and relaxation.
- The chamber gurney greatly increases patient accessibility by allowing for easy entry even for immobile patients and without additional transfers.
- Patient safety is ensured by electronic and manual override vent modes in case of emergency. This unique safety feature allows for maximum flexibility and reaction time to accommodate various emergency situations.
- The Standard Emergency Vent system decompresses within 120 seconds.
- Rates of descent and ascent is controlled by the operator contributing to patient comfort.
- Genesis OT hyperbaric chambers are designed, fabricated, assembled, tested, and installed in accordance with the following codes and standards, current editions: ASME PVHO-1, Safety Standards for Pressure Vessels for Human Occupancy ASME Boiler and Pressure Vessel Codes, Section VIII, Division I, Pressure Vessels Variable Pressure settings up to from 1.3 to 3 ATA.
- Large viewing windows for sufficient ambient light inside chamber contributing to patient well being and relaxation
- The monoplace chamber is managed by Computer controlled operation capable of recording patient data.
- Oxygen delivery is at 93 to 96% Oxygen mask or cannula thereby greatly reducing operational and patient risk.
- Medical compressor and Air cooler delivers filtered, clean and chilled air into the chamber.

MEDICAL AIR COMPRESSOR	TECHNICAL DETAILS
Air Flow	180 – 608 L/min
Pressure	0.1 – 0.8 MPa
Voltage	240V / 50Hz
Power	3000W
Speed (RPM)	1450
Noise (dB)	45
Tank (Lt)	120
Net Weight	175
Dimensions	1200 x 580 x 1075 mm
AIR DRYER	TECHNICAL DETAILS
Inlet Temperature	≤80 C
Handling Capacity	1100 L/min
Pressure Dew Point	2 – 10 C
Standard Working Pressure	≤0.8MPa
Maximum Working Pressure	≤1.0MPa
Desiccant	R11
Voltage	240V / 50Hz