

# TITAN

## Medical Multiplace Hyperbaric System

3.0 – 6.0 ATA

Up to 12+2 Seats

### Hospital-grade power, scalable to your mission

The TITAN is HPO Tech's next-generation medical multiplace hyperbaric system, engineered for hospitals, specialised HBOT clinics, and military medical facilities. Available in two exterior configurations – OMEGA (cylindrical) and SQUARE – it scales from 4+2 to 12+2 occupants. Operating between 3.0 and 6.0 ATA with full CE / MDD-MDR Class IIb and ASME authorisation, the TITAN integrates both fully automatic and manual controls for precision clinical operation.

### KEY BENEFITS

- Scalable capacity: 4+2, 6+2, 8+2, 10+2, or 12+2 occupants
- High-pressure range of 3.0 to 6.0 ATA for advanced medical protocols
- Two configurations: OMEGA (cylindrical) and SQUARE
- Full medical certification: CE / MDD-MDR Class IIb / PED / ASME
- Integrated fire suppression system (NFPA compliant)
- Patient vitals monitoring, cameras, smoke detection, session data logger
- Fully brandable interior and exterior with ergonomic seating

CERTIFICATIONS: CE / MDD-MDR Class IIb / PED 2014/68/EU / ASME Section VIII Div II

### SYSTEM COMPONENTS

- Hyperbaric chamber (1 unit)
- Air compressors (2 units, oil-free, 11 kW each)
- Air dryer (1 unit, included)
- Air cylinders (4 units, included)
- Control panel (1 unit, included)
- Fire suppression system (5 units, NFPA compliant)
- BIBS masks (10 units, included)

# TITAN — Technical Specifications

## CHAMBER SPECIFICATIONS

Capacity	4+2 to 12+2 occupants
Material	Stainless steel
Max Operating Pressure	3.0 ATA – 6.0 ATA (5.0 bar)
Max Design Over-Pressure	5.5 bar
Test Over-Pressure	8.25 bar
Overall Dimensions (L x W x H)	7,988 x 2,356 x 2,604 mm (Omega)
SQUARE Dimensions (W x H)	2,836 x 2,826 mm
Internal Diameter	2,200 mm
Weight	12,000 kg
Air Supply Flow	600 LPM
BIBS Oxygen Supply	5 bar / 40 LPM flow
Ventilation Rate	450 LPM
Emergency Depressurisation	3 ATA to 1 ATA in 125 sec
Design Temperature	0°C to 38°C
Max Patient Weight	225 kg
Chamber Room Floor Size	13,000 x 6,000 mm (min)
Technical Room Floor Size	9,000 x 6,200 mm (min)

## STANDARD FEATURES

- Fully automatic and manual session control
- Internal and external touchscreen control panels
- Patient vitals monitoring screens
- Internal cameras and monitoring system
- Smoke detectors and fire suppression system (NFPA compliant)
- Emergency stop and decompression systems
- Session data logger with archive and print functions
- USB ports for data export and software updates
- RGB LED lighting and entertainment tablets
- Brandable ergonomic seats and interior/exterior design
- Custom 3D epoxy flooring option
- Multiple working pressure levels (3.0 – 6.0 ATA)