

OZ-150 Rigid Hyperbaric Oxygen Chamber

Single-person · 1.5 ATA · Technical datasheet · Rev. 2026-10

- CE (EU MDR 2017/745)
- ISO 13485
- EMC / LVD
- 24-month warranty
- 110-220 V

The OZ-150 is a single-person rigid hyperbaric chamber for clinic-based hyperbaric oxygen therapy. A nickel-steel pressure cabin with a tempered-glass observation window, 7-inch touchscreen control, built-in air conditioning and HEPA-filtered pressurisation. It installs in a standard treatment room — no civil works, no lead lining, no dedicated plumbing.

TECHNICAL SPECIFICATIONS

Model	Med-buying OZ-150
Chamber type	Rigid, vertical, single-person
Cabin material	Nickel-steel / carbon steel
Max working pressure	1.5 ATA (202.65 kPa / 15 psig)
Pressure range	1.1 – 1.5 ATA, adjustable
Capacity	1 person, seated upright
External dimensions	1400 × 850 × 1900 mm
Internal finish	Easy-clean medical-grade lining, built-in sofa
Control	7-inch touchscreen — digital pressure, timer, O ₂ presets
Pressurisation medium	HEPA-filtered clean air
Oxygen source	External 5–10 LPM oxygen concentrator (not included)
Power supply	AC 110–220 V, 50–60 Hz, 1000 VA
Cooling	Built-in internal air conditioning
Noise level	< 65 dB at the cabin
Safety systems	Pressure relief valve, manual emergency vent, audible alarm, continuous O ₂ monitoring
Observation	Large round-corner tempered-glass window
Interface languages	English / Spanish / Portuguese (other languages on request)
Certifications	CE, ISO 13485, EMC / LVD
Warranty	24 months global; lifetime spare-parts availability

SCOPE OF SUPPLY

- OZ-150 cabin, pre-assembled, caster-mounted
 - Control console with 7-inch touchscreen
 - Oil-free air compressor unit
 - Air tubing, filter set, connection kit
- User manual and service manual (EN / ES)
 - Printed QC test report with serial number
 - CE declaration of conformity
 - ISO 13485 certificate copy

Regulatory note. Medical devices are regulated products. CE marking applies within the European Union; indications, operator requirements and registration pathways differ by country. Confirm requirements with your national health authority before clinical use. This datasheet is a technical description, not a clinical claim.

SITE REQUIREMENTS (SUPPLIED BY THE CLINIC)

Oxygen concentrator	5–10 LPM, 90–96% O ₂ — can be quoted together with the chamber
Power	Standard mains outlet on a 16 A circuit
Room	At least 2.5 × 2.5 m, ventilated, level floor
Installation	Approx. 4 hours; guided by video call with our engineer

OPTIONS

- Bundled 10 LPM oxygen concentrator - Custom logo / cabin skin (OEM)	- Spanish / Portuguese firmware pre-load - Two-year spare filter and seal kit
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AFTER-SALES AND SERVICE

Warranty	24 months from delivery, parts and labour for manufacturing defects
Spare parts	Stocked in Changsha; dispatched worldwide in 3–5 working days
Installation support	Video call during unboxing and first pressure-hold test
Operator training	Pressurisation, emergency vent, contraindication screening, touchscreen presets
Response time	Inquiries answered within one working day (Mon–Sat, 09:00–18:00 GMT+8)

PACKING AND SHIPPING

Packing	Fumigated export pallet, moisture barrier, corner protection
Gross weight	Approx. 350 kg (single unit, packed)
Shipping method	LCL sea freight standard for 1 unit; FCL more economical from 3 units
Transit time	25–40 days to most major ports
HS code	9019.20 — mechano-therapy / oxygen therapy appliances
Documents supplied	Commercial invoice, packing list, bill of lading, CE DoC, ISO 13485 certificate, QC report, user manual

APPLICATIONS

Rehabilitation clinics	Post-surgical recovery, wound healing, neurologic rehabilitation as an adjunct
Sports recovery centres	60-minute recovery sessions with recurring memberships
Wellness and longevity clinics	Premium positioning with comfortable, repeatable sessions
Dental and surgical clinics	Post-surgical healing support, service-line differentiation
Distributors and importers	OEM branding, MOQ from 2 units, export documentation pack

CONTACT

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