

Containerized Medical Oxygen Plant

Turnkey PSA oxygen plant for hospitals that need fast installation, no machine room and flexible oxygen delivery.

Turnkey

Fast Install

No Machine Room

Pipeline + Filling

Product Brochure 2026

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A practical oxygen plant for African hospitals.

Containerized PSA solves the site, installation and logistics problems that delay hospital oxygen projects.



Turnkey delivery

Core equipment is integrated before shipment.



No machine room

The container becomes the oxygen plant room.



Fast installation

Site work focuses on foundation, power and gas connection.



Dual oxygen use

Supply hospital pipeline and cylinder filling from one project.



Outdoor protection

Container shell protects equipment from site conditions.



Easy relocation

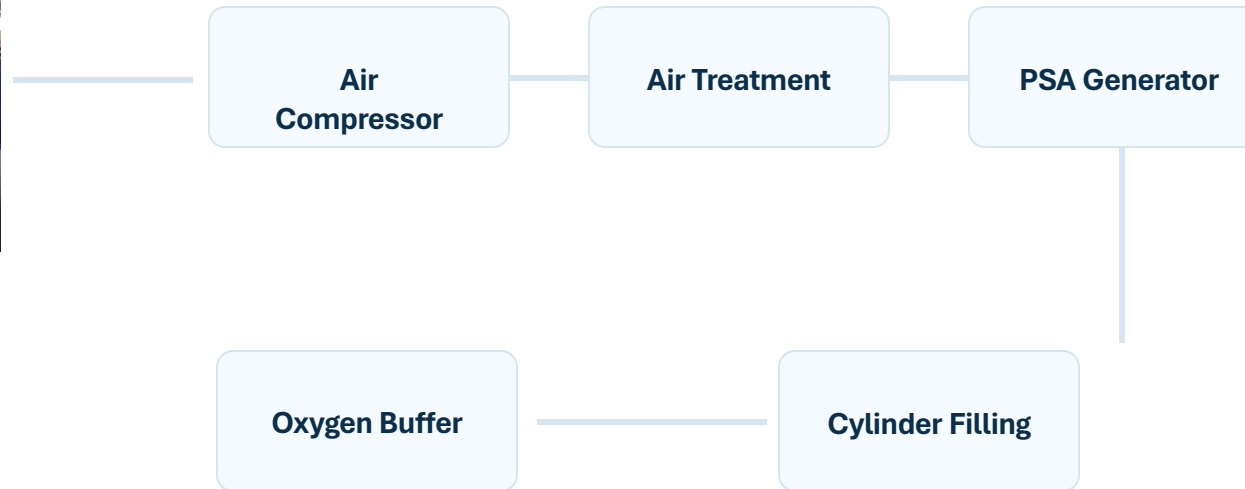
The complete plant can be moved when the project changes.

One container can include the complete oxygen plant.

A turnkey package keeps project responsibility clear and reduces coordination work for the hospital.



Container



Factory-integrated package: less on-site construction, fewer interfaces and clearer commissioning.

Fast installation starts before the container arrives.

Most assembly and testing can be completed at factory, so site preparation becomes simpler.



Prepare foundation

Flat base, drainage and access area.



Place container

Unload and position near hospital utility area.



Connect power

Electrical connection and grounding.



Connect oxygen

Pipeline outlet and optional filling manifold.



The container works as a protected oxygen equipment room.

Internal layout can include PSA towers, filters, piping, control panel and oxygen buffer system.

Integrated piping

Factory-built pipe routes reduce site welding.

Control and monitoring

HMI, gauges and oxygen analyzer support daily operation.

Service corridor

Container layout keeps access for inspection.

Medical oxygen output

Configured for hospital oxygen demand and safety practice.

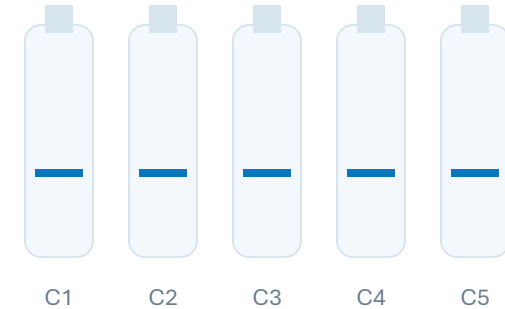
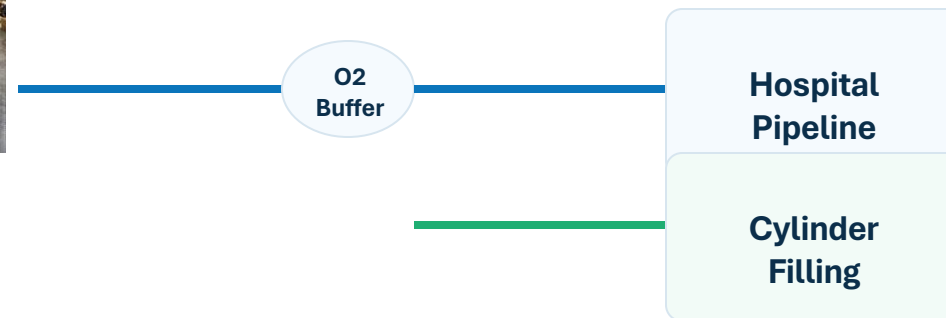


One plant can support pipeline and cylinder filling.

Hospitals can feed central oxygen pipelines while keeping cylinders for backup, ambulances and satellite clinics.



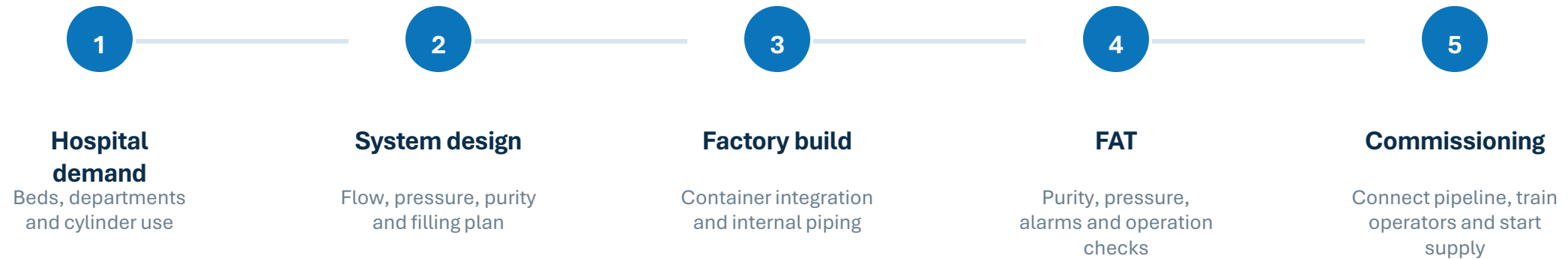
Oxygen Plant



Pipeline oxygen for wards and operating areas. Cylinder filling for backup supply and outreach use.

A containerized project keeps responsibilities clear.

NEWTEK can support design, manufacturing, factory testing, delivery and commissioning guidance.



For African hospital projects, the result is a faster path to reliable oxygen without building a dedicated machine room.

NEWTEK GROUP

Build your hospital oxygen plant faster.

Containerized turnkey PSA oxygen plant for pipeline supply and cylinder filling.

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