

The Bio-Gas Experts



GAS STORAGE

Engineered to Meet Today's & Tomorrow's Demands

IEC, your solution for gas storage

The proven and effective, flexible gas storage, double membrane technology.

Our wide-range of gas storage vessels provide options for all bio-gas systems and project objectives.

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FLEXIBLE GAS STORAGE

IEC offers **THE BEST SOLUTION** for gas storage. Our vessels can be free standing or installed in tanks, containers or buildings.

The gas storage systems are suitable for refined bio-gas, pure CO₂ and natural gas. Providing static analysis is standard with every project. Our gas storage vessels can store up to 1,000,000 cubic feet.





Easy Access Service Box

The innovative design of the service box enables all connections to be above ground and easy to service. The blower, control unit and sensors are easily accessible during operation. The service box is constructed from 316 stainless steel, providing long-term service and trouble-free operation.

High Quality, ISO Certified Materials

The production method is ISO-certified and carried out by experienced technicians, so every component is guaranteed to be of the highest quality.

Our gas storage vessels are produced from the highest quality materials and gas-resistant membranes in the industry. The welded seams are made with high-frequency or thermal technology, depending on the membrane type.

MULTIPLE DESIGNS AVAILABLE

Gas Storage Dome

A free-standing gas storage dome can be designed and mounted on a concrete foundation. It can be provided in either three-quarter or spherical form. Continuously operated blowers ensure the required operating pressure is maintained.

Gas Storage Vessels

(semi-submerged)

This is a great solution when site requirements impose a height restriction.

Gas Storage Vessel

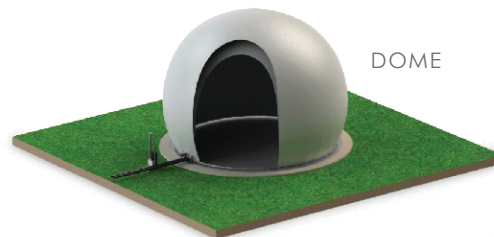
(cylindrical)

Small volume gas storage vessels are available, offering a cost-effective option for smaller output facilities. The cylinder can be easily anchored in the ground, with variable diameter and lengths available.

A blower is provided for this design which controls the pressure on the inner and outer walls of both membrane cylinders.

Advantages & Options

- > Wide range of storage from 1700 to 1,000,000 cu. feet
- > Ultrasonic Height Gauge
- > Gas Pressure Sensor
- > Operating Pressure Designs 5 - 70MB
- > Installation supervision available for Blower, PRV's & Sensors
- > Short Lead Times & Installation



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Industrial & Environmental Concepts offers the highest quality products on the market.

Our service & solutions are second to none.

History

Founded in 1993, we are a leader in designing membranes with unparalleled service and engineering know how.

Highest Quality

We pride ourselves knowing we provide the highest quality products and services available

on the market. Our storage vessels and covers are constructed from the most advanced membrane formulations and equipment available. Our fabrication protocols guarantee we offer the highest quality storage systems on the market with unequalled service from our highly specialized employees.

Cutting Edge, Continuous Development

We provide the latest technological innovations to our clients, raising the bar to the highest level.



Contact a representative today! 952.829.0731