

# Cryogenic Liquid Equipment

Cryogenic liquid equipment is professionally designed and manufactured for various applications. These systems have certifications for manufacturing class I, II, and III pressure vessels and adhere to ISO9001 quality system standards.

## Overview

### Professional Cryogenic Solutions

This range of cryogenic liquid equipment is engineered for high-performance industrial applications, featuring comprehensive certification for class I, II, and III pressure vessels. The equipment is designed to ensure safety and efficiency in handling cryogenic substances through advanced vacuum and powder heat-isolation technologies. With a versatile portfolio including storage tanks, pumps, vaporizers, and gas generation systems, these solutions are built to support diverse industrial gas processing requirements.

## Certifications

### Quality Standards

ISO 9001, Class I Pressure Vessel, Class II Pressure Vessel, Class III Pressure Vessel

## Storage & Processing

### Tank Capacity Range

**5 m3**

Minimum Capacity

**5000 m3**

Maximum Capacity

### Insulation Technologies

- Multi-layer vacuum heat-isolation
- Powder heat-isolation

## Equipment Portfolio

### Available Equipment Types

Equipment Category	Capacity / Specs
Cryogenic Liquid Pump	Turbo / Piston
Cryogenic Liquid Vaporizer	Air-heated, Electric-heated, Steam-heated
Oxygen/Nitrogen Generator	10 - 16,000 m3/h
CO2 Purification System	10,000 - 100,000 t/year
Dissolved Acetylene Equipment	40 - 360 m3/h