

# CryoEase® microbulk solutions on-site storage systems



## Efficient, economical and reliable N<sub>2</sub>, O<sub>2</sub> and Ar supply for small-volume users

On-site gas delivery makes sense for many industrial, scientific and healthcare applications—especially for small-volume users. Our microbulk services and on-site storage systems provide a reliable, cost-effective alternative to cylinders for your nitrogen, argon or oxygen supply.

### CryoEase microbulk gas storage systems are engineered for maximum efficiency

CryoEase microbulk storage systems are designed for fast fills, which help to minimize traffic congestion at your facility. Smaller tanks can be filled in as little as three minutes without interrupting your operations.



230L



1000L



3000L



5000L

Using small tank trucks and on-site storage containers, our CryoEase microbulk solutions provide the advantages of bulk supply to customers whose usage is less than traditional bulk delivery volumes.

### Outstanding features mean exceptional performance

With sizes, pressures and configurations to help meet your needs, including high-pressure, high-flow models for laser-assist gases, our microbulk on-site storage systems provide flexibility for your operation. Product features include:

- Liquid Level Gauge at the tank enables you to manage your inventory and track usage between deliveries
- Tank-mounted telemetry available for level monitoring by AP Customer Service and at MyAirProducts
- Outdoor or indoor installation
- Optional wall box for remote filling
- Portable 230L and 450L containers
- 1000L – 5000L permanently installed containers with flexible site preparation options

# CryoEase microbulk solutions for N<sub>2</sub>, O<sub>2</sub>, Ar on-site storage containers

## Specifications

Description	230L	450L	1000L	1500L	3000L	5000L
	HP Portable	HP Portable	HP Stationary	HP/VHP Stationary	HP/VHP Stationary	MP/VHP Stationary
<b>MAWP (Maximum Allowable Working Pressure)</b>						
psig	350	350	350	350/500	350/500	250/500
bar	24.1	24.1	24.1	24.1/34.5	24.1/34.5	17.2/34.5
<b>Maximum Operating Pressure (pre-set)</b>						
psig	300	300	300	300/450	300/450	200/450
bar	20.7	20.7	20.7	20.7/31.0	20.7/31.0	13.8/31.0
<b>Storage Capacity <sup>(1)</sup></b>						
<b>Nitrogen</b>						
SCF	4,734	8,875/10,332	24,350	35,790	66,592	125,000
Nm <sup>3</sup>	134	271/272	689	1,013	1,750	3,540
<b>Oxygen</b>						
SCF	5,930	11,124/12,760	30,070	44,220	82,239	159,400
Nm <sup>3</sup>	168	315/336	850	1,250	2,161	4,514
<b>Argon</b>						
SCF	5,763	10,812/12,478	29,400	43,220	80,425	156,200
Nm <sup>3</sup>	163	306/328	832	1,223	2,115	4,423
<b>Gas Delivery Rate (LOX/LIN/LAR)</b>						
SCF/H	400	575	960	1,350	1,350/2,000 <sup>(2)</sup>	3,500
Nm <sup>3</sup> h	10.5	15.1	25.2	35.4	35.4/52.4	99
<b>Dimensions</b>						
<b>Approximate Footprint (Base/Pallet L x W)</b>						
in	29 x 29	36 x 36	47 x 51	53 x 67	61 x 76	88 x 102
mm	737 x 737	915 x 915	1,194 x 1,296	1,347 x 1,702	1,804 x 1,956	2,235 x 2,591
<b>Height</b>						
in	62	75	87	92	124	119
mm	1,575	1,905	2,210	2,337	3,450	3,023
<b>Tare Weight</b>						
lbs	340	900	1,765	2,200/2,500	3,300/4,500	6,800/9,100
kg	155	409	801	998/1,134	1,497/2,042	3,084/4,128

All specifications are subject to change without prior notice.

(1) Values are based on net capacity at 0 psig (0 bar) for ASME vessels. DOT vessels are per code.

(2) Optional 3,500 SCF/H (92 Nm<sup>3</sup>h) model available.

For more information,  
please contact us at:

### Corporate Headquarters

Air Products  
7201 Hamilton Boulevard  
Allentown, PA 18195-1501  
T 800-654-4567, 610-706-4730  
F 800-272-4449  
gigmrktg@airproducts.com



tell me more  
[airproducts.com/microbulk](http://airproducts.com/microbulk)