



SinoCleansky  
Gas Container & Solution



## SinoCleansky Microbulk Tank

SinoCleansky microbulk tanks offer a better solution of end-to-end liquid gas delivery, replacing all your costly gas cylinders. It improves gas transportation, charging and storage management greatly. An ideal solution for medium size customers in industries, medical, cutting, lab and etc.

More reliable, safe, efficient and economical, compared with high pressure gas cylinders and dewar flasks.

Superior performance: bigger capacity, longer storage period, higher flow rate, fast pressure build-up. It is the best and only solution for your laser cutting of thick metal!

All models for your selection: capacity 1000L, 2000L, 3000L, 5000L; Working pressure 16bar, 25bar, 35bar.



### SinoCleansky Microbulk Tanks benefits

- It is an on-site filling solution for gas cylinder users.
- The charge loss is low or even zero.
- Longer liquid gas hold times.
- Extraordinary thermal quality assures very little gas loss.
- The boost speed is fast and the gas flow is large.
- Quick recharge to save time and reduce costs.
- Multiple pressures, different volumes, more choices.
- Brand valves HEROSE, REGO, accessories, high reliability.
- Small footprint, convenient transportation, simple installation.
- Less operation and maintenance needed.



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## Models and Technical Parameters

Typical Model Specification of Microbulk Tank								
Full volume(L)	1040		2107		3031		5168	
Effective volume(L)	988	957	2002	1938	2879	2798	4910	4755
Working pressure(MPa)	1.6	3.5	1.6	3.5	1.6	3.5	1.6	3.5
Vessel sort	II							
Surface treatment	Mirror surface Ra 0.025							
Thermal-insulating type	High vacuum Multi-layers thermal-insulating							
Base-supports structure	Saddle base							
Material	Inner vessel:SA-240 Type304/Outer cylinder:SA-240 Type304							
Specification	ASME							
Loading media and filling weight								
LOX (NM <sup>3</sup> )	789	764	1598	1548	2299	2226	3920	3796
LIN (NM <sup>3</sup> )	635	615	1287	1246	1851	1793	3157	3057
LAR (NM <sup>3</sup> )	772	747	1563	1514	2249	2178	3834	3713
Product Parameters								
Gas flow rate	40		75		75		100	
Evaporation (LIN)	≤0.7%		≤0.6%		≤0.5%		≤0.4%	
Empty weight(kg)	730	885	1170	1490	1750	2180	2613	3265
Base Dimensions(mm)	1250*1250*2245		1500*1500*3060		1700*1700*3160		2100*2100*3150	

**SinoCleansky microbulk tank can be also used for LCO<sub>2</sub> and LNG**  
**Contact SinoCleansky for detailed drawing design and specification.**

## Detailed pictures

