



SinoCleansky
Super Cylinder Supply

SinoCleansky Compact Cryogenic Tank



SinoCleansky Compact Cryogenic Tank---SCCT series is an innovative gas storage platform, especially designed for substitutes of industrial cylinder users in cutting, welding, cryogenic lab, hospital and etc. SCCT series is more reliable, efficient and cost-effective. Our SCCT with lorry tank is very significant.

SinoCleansky Compact Cryogenic Tank---SCCT series storage system allows packaged gas distributors and users to enjoy the benefits of on-site gas delivery. Avoiding time waste, liquid loss, labor costs when replacing the cylinders. Using SCCT series, no cylinder replacing, no liquid loss, no damage from the operations.

Product Features

- Centralized gas supply system---integrated with small-size storage tank, PBC, vaporizer and pipelines;
- High vacuum multi-layer insulation & well designed structure---ZERO even BARELY ZERO liquid loss;
- Setting up a regeneration warehouse in the interlayer, and keeping long time vacuum strength;
- Low requirements on the working site condition;
- Lifting lug and forklift movable base support---Easy for changing working place (Avoid moving when with liquid);
- Short transmission distance, and stable gas supply pressure, which can be directly set up nearby the equipment, customers can use depending on actual situation of gas pressure regulation;
- Connection gas pipeline with international joint, which is convenient to assemble and disassemble, and which can directly supply gas after connecting;
- Adopting capacitance liquid level gauge, which is more accurate to display the data;
- Automatically cut off lorry tank refueling procedure;
- Applying to store LOX, LIN, LAr, LCO₂, LNG and etc.



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Models and Technical Parameters

| Typical Model Specification of Cryogenic Tank | | | | | | | | | | | | |
|---|---|------|------|----------------|------|------|----------------|------|------|----------------|-------|-------|
| Full volume(L) | 1069 | | | 2135 | | | 3071 | | | 5327 | | |
| Effective volume(L) | 1016 | | | 2028 | | | 2917 | | | 5061 | | |
| Working pressure(MPa) | 1.6 | 2.5 | 3.5 | 1.6 | 2.5 | 3.5 | 1.6 | 2.5 | 3.5 | 1.6 | 2.5 | 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:06Cr19Ni 10/ Outer cylinder: S30408/ Saddle base: S30408 | | | | | | | | | | | |
| Specification | GB150-2011 / ASME | | | | | | | | | | | |
| Loading media and filling weight | | | | | | | | | | | | |
| LOX (Kg) | 1696 | 2159 | 2277 | 3817 | 4099 | 4460 | 5610 | 5981 | 6424 | 8818 | 9413 | 10096 |
| LIN (Kg) | 1631 | 1821 | 1939 | 3142 | 3424 | 3785 | 4639 | 5010 | 5453 | 7132 | 7727 | 8410 |
| LAr (Kg) | 2225 | 2415 | 2533 | 4328 | 4610 | 4971 | 6345 | 6716 | 7159 | 10093 | 10688 | 11371 |
| LCO ₂ (Kg) | 1856 | 2046 | 2164 | 3592 | 3874 | 4235 | 5287 | 5658 | 6101 | 8256 | 8851 | 9534 |
| LNG (Kg) | 1267 | 1457 | 1575 | 2416 | 2698 | 3059 | 3595 | 3966 | 4409 | 5320 | 5915 | 6598 |
| Product Parameters | | | | | | | | | | | | |
| Gas flow rate | 30 | | | 60 | | | 60 | | | 100 | | |
| Evaporation (LIN) | ≤0.8% | | | ≤0.7% | | | ≤0.6% | | | ≤0.45% | | |
| Empty weight | 810 | 1000 | 1118 | 1533 | 1785 | 2146 | 2282 | 2653 | 3096 | 3043 | 3638 | 4321 |
| Dimensions | 1500*1450*2306 | | | 1800*1550*3500 | | | 2000*1750*3650 | | | 2000*1750*5350 | | |

Detail pictures



Shipment