

DURA-CYL LIQUID CYLINDERS

焊接绝热气瓶

美国查特实业公司是全球最大的设计及制造各种深冷液体真空绝热贮存及运输设备的专业公司，产品覆盖整个低温液体的供应链。其下属的MVE品牌焊接绝热气瓶(简称绝热气瓶)具有超过40年生产历史, 并且是世界同行业中销量最大最负盛名的品牌。位于美国乔治亚州坎顿市的MVE绝热气瓶制造中心拥有多项专利, 其产品以其质量高、损耗低、寿命长的性能, 已在全球得到广泛的应用。

位于常州的查特分公司, 采用查特MVE全部的关键技术和设备, 并直接从美国进口各种原材料和配件, 其产品质量已完全达到美国查特公司要求, 并符合国际和我国的技术标准。目前主要生产160-200升中压、高压及超高压绝热气瓶、230升低压以及390升和450升中高压移动式气瓶。

焊接绝热气瓶配置释义

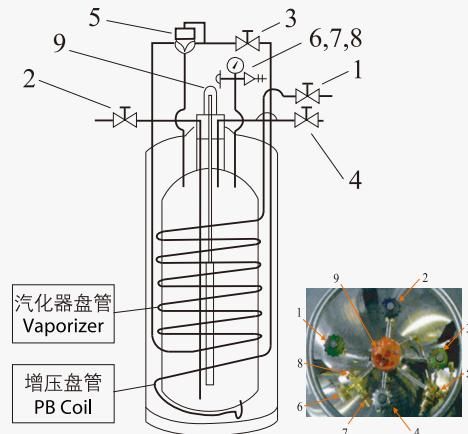
Dura-Cylinder

1. 气相阀—输出气体用
2. 充装/液体阀—充装或输出液体
3. 压力控制阀—控制(接通/断开)压力控制调节器
4. 放空阀—释放压力
5. 组合式压力控制调节器—自动控制
6. 压力表
- 7-8. 压力表、安全阀、爆破片
9. 液位表—焊接绝热气瓶中液体存量

1. Gas-use Valve — For gas withdrawal
2. Fill/Liquid Valve — For filling or liquid withdrawal operations
3. Pressure Control Valve — To isolate the pressure control regulator (on/off)
4. Vent Valve — To vent pressure
5. Combination Pressure Control Regulator — Automatically controls operating pressure
6. Pressure Gauge — Indicates cylinder pressure
- 7-8. & 8. Relief Valve, Rupture Disk
9. Liquid Level Gauge — To display the liquid contents of the cylinder

Chart Industries, is the leading supplier in the worldwide cryogenic storage and transportation equipment industry. Its wide range of products covers the whole supply chain of the cryogenic liquid industry. Chart's MVE liquid cylinder product line has over 40 years' experience and enjoy the largest sales volume all over the world. Chart's manufacturing center in Canton, Georgia, USA, has many patents in design and manufacturing. MVE liquid cylinders are widely used all over the world for their high quality, low loss and long life.

Chart Changzhou, which is wholly owned by Chart Ind., adopts all the technologies and equipment from Chart and imports all kinds of raw material of liquid cylinders directly from the USA. Chart Changzhou's products meet all of Chart's quality standard, as well as international and Chinese codes. Now Changzhou has the available models:160~200MP/HP, 200VHP, 230LP and 390~450MP/HP.



Features

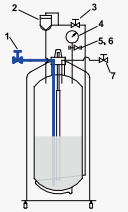
最新推出 / New Product:

低压杜瓦瓶DC230LP / Low pressure model: DC230LP

- 高真空绝热保温 / High-performance super insulation
- 超低汽化损失 / Minimum product vapor loss
- 便捷的移动及搬运 / Conveniently move and transport
- 低压液体输送 / Low pressure liquid supply
- 适合实验室、生物容器运用 / Suitable for Lab and Bio-freezer application



1. 液相阀 / Liquid valve
2. 调压阀 / Regulator(18PSI)
3. 增压阀 / PB valve
4. 压力表 / PG(0~100PSI)
5. 安全阀 / RV(22PSI)
6. 爆破片 / Rupture Disc(200PSI)
7. 放空阀 / Vent valve



产品优势 / Advantages:

- 行业领先查特独有的真空技术 / Industry-leading proprietary chemical getting for long-life vacuum integrity
- 可重复使用的真空抽口便于维护 / Reusable pump-out port for vacuum maintenance
- 100%氧清洗—不是所有制造商能做到 / 100% oxygen clean components and procedures
- 稳定持续的供气供液能力 / Full-length, automatically soldered vaporization coils provide constant gasflow rates unmatched by competitors

型号规格 Specifications

Model/规格		160		180		200		230		
Pressure/压力		MP	HP	MP	HP	MP	HP	VHP	LP	
Capacity/容量 (Liters/升)	Gross/几何容积	176		196		209		204	240	
	Net/净容积	165		185		196		200	230	
Dimensions & Pressure Setting/尺寸和(安全阀)开启压力设定值										
Relief Valve Setting 安全阀设定	Psig/MPa	230/ 1.6	350/ 2.4	230/ 1.6	350/ 2.4	230/ 1.6	350/ 2.4	500/ 3.5	22/ 0.15	
Diameter/直径	厘米	50.8				60.6				
Height/高度	厘米	151.3		161.3		167.1		160		
Empty Weight (kg) /空重(公斤)		113.4	126.9	117.9	136.1	126.9	145.1	170	142	
		N ₂ *	234	241	253	263	271	280	286	324
Full Weight (kg) /满重(公斤)		O ₂ *	285	290	309	318	331	339	349	400
		Ar *	322	325	351	357	375	380	386	460
Standard Volume/标准状态下气体 体积(Nm ³)		CO ₂ *	303		331		353		354	
		N ₂ O *	293		321		343		344	
		N ₂ *	97	91	108	102	115	108	93	
		O ₂ *	120	114	134	127	143	133	123	
		Ar *	117	111	130	124	139	130	120	
		CO ₂ *	89		99		105		93	
Performance/性能		N ₂	2.1		2.0		2.0		2.2	
	NER(% per day)/ 日蒸发率(%每天)	O ₂ Ar	1.4		1.3		1.2		1.4	
		CO ₂ N ₂ O	0.5		0.5		0.5		0.5	
Gas Flow/气流(Nm ³ /hr)		N ₂ , O ₂ , Ar	9.2		9.2		10.5		9.2	
		CO ₂ , N ₂ O	2.9		2.9		2.9		2.9	

*At relief valve settings/在安全阀(开启压力)设定值条件下