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Global Service Hotline

环保与收益的平衡之选

The Balance Between Environmental Protection And Profit

嘉松二次油气回收系统 为国家绿色低碳环保事业做贡献

Jiasong Secondary Oil And Gas Recovery System
To Contribute To The National Green And Low-carbon



JIASONG[®]
J A S O N G

环保与收益的平衡之选

The Balance Between Environmental Protection And Profit



JS-NP 油气回收系统

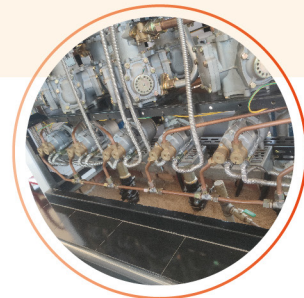
JS-NP VAPOR RECOVERY SYSTEM

NP系统主要由真空泵控制板、真空泵和相关部件组成。当真空泵控制板监测到加油机加油时发出的脉冲信号时，真空泵启动，脉冲信号中断(停止加油)时，真空泵关闭。

NP系统可根据不同厂家的脉冲分辨率(预设为100次脉冲/升)调节气液回收比至1:1~1:2:1之间，并可根据客户要求，调成符合国家标准中的任意气液比。当加油时泵的转速随流量而改变，确保气液回收比保持稳定，实现二次油气回收。

NP VR system consists of vacuum pump control board, vacuum pump and related components. When the vacuum pump control board detects the pulse signal from fuel dispenser when refueling, vacuum pump will start working. When the pulse signal is interrupted (stop refueling), the vacuum pump will shut off.

The NP VR system can adjust the gas-liquid recovery ratio between 1:1~1:2:1 according to the pulse resolution(default is 100pulses/liter) of different customers. And can be adjusted to any gas-liquid ratio which meet national standards according to customers' requirements. When refueling, the speed of pump will change along with the flow rate to ensure the gas-liquid recovery ratio remains stable to achieve secondary vapor recovery.



变频式真空泵

- *变频电机较普通电机省电
- *真空泵转速随加油机流速而改变
- *油气回收量与加油量成正比，保证了油气回收的气液比值(A/L)
- *变频式设计可延长回收泵使用寿命

Variable frequency vacuum pump

- *Variable frequency motor is more power saving than normal motor
- *The speed of vacuum pump changes along with the flow rate of dispenser
- *The amount of oil and gas recovery is proportional to the amount of refueling, which ensures the gas-liquid ratio (A/L) of oil and gas recovery
- *The frequency conversion design can extend the service life of the recovery pump



安装简便可适用于各厂牌加油机

- *独立式真空泵与控制板可与各种脉冲发生器连线
- *真空泵设计精巧，体积小可安装于加油机内部任何空间

Easy to install, suitable for all brands of fuel dispensers

- *Independent vacuum pump and control board can be connected with various pulse generators
- *The vacuum pump is exquisite in design and small in size, which can be installed in any space inside the dispenser



自检测预警功能

- *油气回收管线内有阻塞物
- *真空泵内过度积油
- *系统故障

Self-checking function

- *Self checking and prewarning function
- *Excessive oil accumulated in the vacuum pump
- *system error



正位移滚珠真空泵

- *技术先进, 工作稳定
- *高硬度碳素滚珠, 具有自润滑作用, 磨损小, 使用寿命长

Positive displacement ball vacuum pump

- *Advanced technology, stable work
- *High hardness carbon ball, with self-lubricating effect, low wear and long service life



操作简单, 故障率低易维修

Simple Operation, Low Failure Rate, Easy Maintenance



通过中国国家级防爆认证 CCC证书



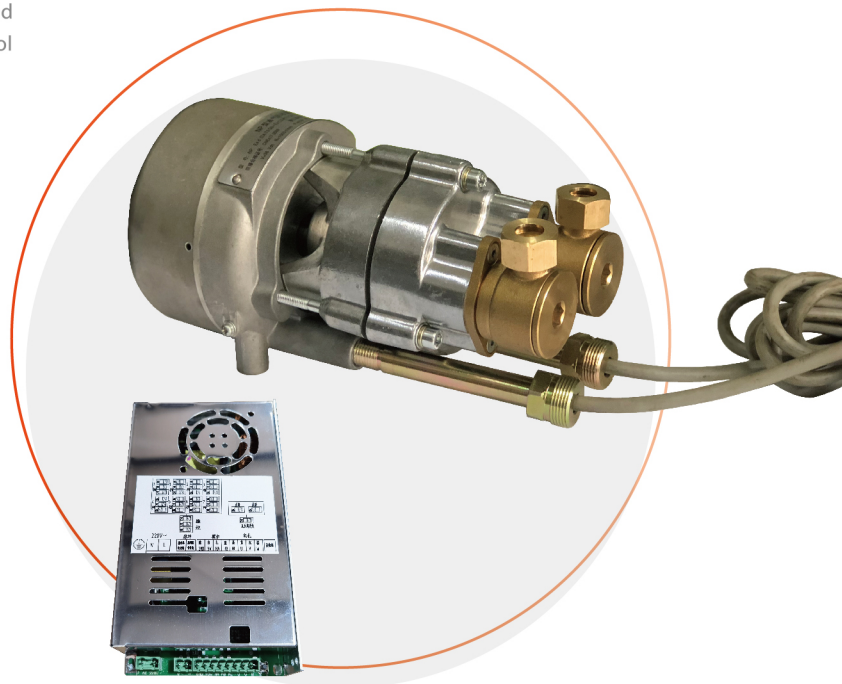
油气回收真空泵

VAPOR RECOVERY PUMP

变频式真空泵, 可根据流量大小自动调节泵的转速从而保证气液回收比(A/L), 该泵配套有真空泵控制板、非常适应在线监测系统。

Variable frequency vacuum pump, can adjust the speed of the pump automatically according to the size of the flow to ensure the gas-liquid recovery ratio (A/L), the pump is equipped with vacuum pump control board and power supply.

- *电源: 220V交流 (VAC)
- *频率: 50Hz
- *转速: 0-1800 RPM
- *直流变频泵功率: 45W
- *额定流量: 45L/min
- *最大流量: 85L/min
- *Power Supply: 220V AC
- *Frequency: 50Hz
- *Speed: 0-1800 RPM
- *DC Frequency Power: 45W
- *Rated Flow Rate: 45L/min
- *Max Flow Rate: 85L/min



JS-VRN油气回收型加油枪

JS-VRN VAPOR RECOVERY NOZZLE

材料

- *枪体: 铝
- *枪管: 铝、不锈钢
- *密封件: 氟橡胶、丁腈橡胶
- *扳机、护弓: 高强度塑料
- *进油口螺纹: M34X1.5
- *重量: 1.03公斤 (kg)

Material

- *Body: Aluminum
- *Barrel: Aluminum, SS
- *Seals: Viton, Nitrile
- *Trigger, Bow Guard: High Strength Plastic
- *Oil Inlet Thread: M34X1.5
- *Weight: 1.03 kg



流速>42升/分钟(L/min)

Flow Rate>42L/min

10% ↑



功能性安全保障

- *加满自封
- *无压自封
- *后仰自封
- *跌落自封

Functional safety guarantee

- *Fill up with self-service
- *Non Pressure self-sealing
- *Back ward self styled
- *Falling self-styled



操作性安全及便捷

- *防静电握把, 降低静电风险
- *重量轻, 减少劳动强度
- *开枪力量小, 付油更精确
- *单手可操作
- *无压自封式设计适用于自助式加油站



结构性安全保障

- *主阀逆向油流开启, 有效抵抗压力上升时容易产生的滴油现象
- *极小的存油空间, 减少残油
- *双重保护自封结构
- *气路密封, 油气罩有效防止油气散逸
- *经多年验证的挂枪方式

Structural Safety Assurance

- *The main valve opens in the opposite direction of the oil flow, resisting the phenomenon of oil dripping effectively when the pressure rises
- *Minimal oil storage space, reduce residual oil
- *Dual protection self - styled structure
- *Gas circuit seal, oil and gas cover prevent oil and gas escape effectively
- *A proven way to hang nozzles



Operational Safety and Convenience

- *Conducting electrostatic grip reduces static risk
- *Light weight, reduces labor intensity
- *Less powerful, more accuracy
- *Operable with one hand
- *Non-pressure self-sealing design is suitable for self-service gas stations

无论您加注的是何种燃油，
我们都可以提供其相适应的胶管。

No matter what kind of fuel you fill,
We can provide the corresponding hose.



油气回收加油胶管

Flexsteel® Futura™ Vapor Assist

用于二阶段油气回收系统，当给加油时，加油机中真空泵将油气从汽车油箱里抽回加油机里。钢丝编织结构可以具有极好的抗折弯性能，低的伸长变化率和长的寿命，通过UL330。

Used in the oil and gas national collection system of the second inspection section. When refueling, the main vacuum pump of the tanker pumps the oil and gas from the fuel tank of the car back into the tanker. The steel wire braided structure can have excellent bending resistance, low elongation change rate and long life, and it has passed UL330.



内胶 Inner Rubber

耐油合成橡胶 Oil resistant synthetic rubber

外胶 Outer Rubber

Futurin™ 耐油合成橡胶 Futurin™ oil-resistant synthetic rubber

增强层 Enhancement Layer

1层钢丝编织 1-layer steel wire braid

温度范围 Temperature Range

-40 °F to 140 °F (-40°C to 160°C)

包装 Package

仅扣压长度，每箱5根

管标识 Mark Identification

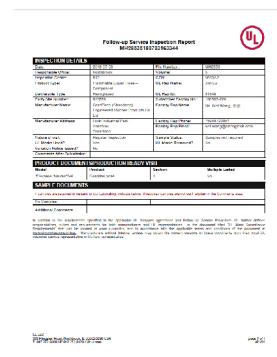
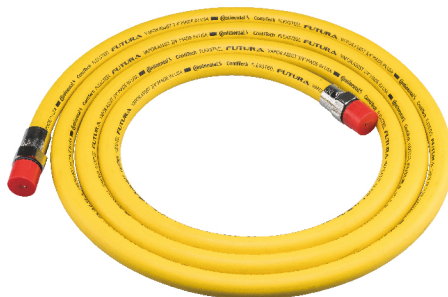
例如: 3/4 Continental ContiTech Made in U.S.A UL Listed Flexsteel® Futura™ Vapor Assist

例如: 7/8 Continenta ContiTech Made in U.S.A UL Listed Flexsteel® Futura™ Vapor Assist

接头 Connector

只提供工厂扣压总成 Only provide factory withholding assembly

内径 Inner Diameter		外径 Outer Diameter		重量 Weight	
in	mm	in.	mm	lb./ft.	kg/m
3/4	19.1	1.13	28.7	0.45	0.67
7/8	22.2	1.25	31.8	0.49	0.73



胶管UL认证

油气回收综合测试仪

Oil and Gas Recovery Detector

VRCT-2油气回收综合测试仪用于加油站二次油气回收各项数据检测, 包含检测密闭性、管道液阻, 气液比3个项目, 同时也可以作油气回收系统的配装校准工具、本仪器测试标准以及测试流程按 GB20952-2007 进行设计。

测试压力范围-5K~5KPa; 当测试压力大于2倍最大测试范围, 则会损坏压力传感器;

流量精度: <1.5%

The Oil and Gas Recovery Detector Vrct-2 is used for testing various data of secondary oil and gas recovery in the gas stations, including detection of tightness, pipeline liquid resistance and gas-liquid ratio, but also can be used as the fitting calibration tool of the oil and gas recovery system. The test standard and process are designed according to GB20952-2007.

Test pressure range -5K~5KPa; when the test pressure is 2 times greater than the maximum test range, the pressure sensor will be damaged.

Flow accuracy: <1.5%

结构特点

产品设计, 外型简洁, 操作友好:

一体式结构设计。现场使用方便、安全、快捷系统最高电压 3.6V, 现场使用本质安全; 产品设计结构紧凑, 便于携带。

Structural Features

Product design, simple appearance, friendly operation: Integrated Structure Design.

The highest voltage of the system is 3.6V. The essence of safety in the field: the product is compact in design and easy to carry.



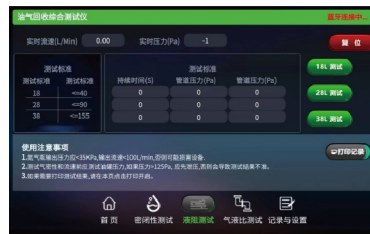
出厂配置 Factory Setting



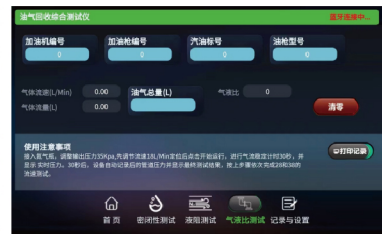
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密闭性测试 Tightness Test



液阻测试 Liquid Resistance Test



气液比测试 Gas-Liquid Ratio Test

功能介绍

- 1 设备具有防爆性能,可应用于防爆及非防爆场合;
- 2 密闭性、液阻和气液比等参数检测一体化;
- 3 仪器与手操器通过无线或者有线通信,实现数据交互;
- 4 手操器使用高亮触摸液晶屏,亮度可调节;
- 5 仪器体积小、重量轻,方便携带;
- 6 采用独特算法,流量、体积更准确;
- 7 仪器内置压力发生器,便于仪器密闭性检测;
- 8 内置蓝牙模块,可连接便携式蓝牙打印机轻松掌握检测数据;
- 9 提供USB接口,可将检测数据导出,同时支持升级仪器程序;
- 10 检测地点信息可输入,具有智能拼音输入法功能,方便输入中英文;
- 11 具有实时时钟功能,无需输入检测时间;
- 12 能实时测量大气压、环境温度和環境相对湿度;
- 13 各参数均可实现多次检测;
- 14 具有电源管理功能,使检测仪更节能;
- 15 内置大容量可充电防爆型锂电池,可连续工作8小时;
- 16 多功能主机箱采用高强度、轻量化材料,并采用分区设计,实现主机与附件分区放置

Function

- 1、 It has explosion-proof performance and can be applied to explosion-proof and non-explosion-proof occasions;
- 2、 The parameters of tightness, liquid resistance and gas liquid ratio are integrated;
- 3、 The instrument and the manual operator can realize data interaction through wireless or wired communication;
- 4、 The manual operator uses the bright touch LCD screen, the brightness can be adjusted;
- 5、 Small volume, light weight, easy to carry;
- 6、 With unique algorithm, flow and volume are more accurate
- 7、 Built-in pressure generator for easy instrument tightness detection;
- 8、 Built-in Bluetooth module, can be connected to portable Bluetooth printer easily grasp the detection data;
- 9、 Provide USB interface, can export the test data, and support the upgrade of the instrument program;
- 10、 Can input detection location information, with intelligent pinyin input method function, easy to input Chinese and English;
- 11、 With real-time clock function, no need to enter the detection time;
- 12、 Can measure atmospheric pressure, ambient temperature and ambient relative humidity in real time;
- 13、 Each parameter can be detected multiple times;
- 14、 With power management function, make the detector more energy saving;
- 15、 Built-in large capacity rechargeable explosion-proof lithium battery, can work continuously for 8 hours;
- 16、 The multi-function main box adopts high-strength and light weight materials, and adopts partition design to realize the partition of the host and accessories.

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