

压缩天然气加气机 CNG DISPENSER

防爆认证、计量器具型式批准证 CE、ATEX、PED、CPA、CMA



CNG撬装压有防爆电动机驱动，三级压缩，撬装结构；
整个机组主要由动力部分、压缩部分、空冷器总成、仪表控制部分，CNG加气机组成。
The CNG skid-mounted is composed of an explosion-proof motor, three-stage compression, and skid-mounted structure;
The complete unit is mainly composed of power part, compression part, air cooler assembly, instrument control part, and CNG dispenser.



主要技术参数 Technical Specification	
外型Host Type	Horizontal Skid
缸数Column	2
系列Series	3、4
扬程Stroke (mm)	100
压缩介质Compression medium	天然气Natural gas (moisture, H2S content ≤ 200mg/Nm³)
进气压力Inlet pressure (MPa.G)	0.8-1.0
排气压力Exhaust pressure (MPa.G)	23-25.0
进气温度Inlet temperature (°C)	≤4
排气温度Exhaust temperature (°C)	≤ 55 °C (not higher than ambient temperature 15 °C)

可根据客户要求定制 We can do OEM for you as required



产品功能 Product features

电子校准

打印机（可选）

具有锁机功能

具有金额整停功能

具有小数点移位功能，适用于不同国家货币要求

留有通讯口，可与气站管理系统连接

有GPRS功能（可选）

Electronic Calibration

Printer (option)

Lock function

Stop fueling by integer sale

Can set the decimal point for the display, so can be used in many country

Leaves the communication ports, so it can communicate with the management system

GPRS function (option)



主要技术参数 Technical Specification

适应温度 Adapt To Temperature	-40℃~+55℃
电压 Power	AC220V ± 20% (50 ± 1Hz)
流量 Flow rate	2-30 m3 /min (标准状态 Standard)
质量流量计精度 Mass flowmeter accuracy	± 0.5%
工作压力 Working pressure	≤25MPa
密度预设范围 Density preset range	0.5000-0.9999kg/m3
显示屏显示位数 Number of digits displayed on the display	油量区6位，金额6位，单价区4位（664） Liter-Amount-price 油量区8位，金额8位，单价区6位（886） Liter-Amount-price
单价范围 Unit price range	0~9999, 0~999999 (可变的 Changeable)
单次范围 Single range	1~9900.00, 1~999900.00 (可变的 Changeable)
累计范围 Accumulative range	0~999999999.99



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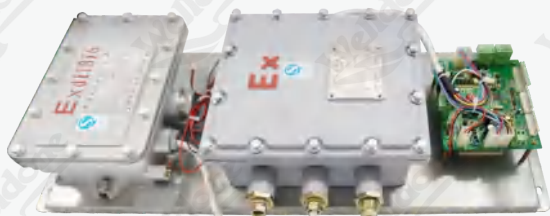
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CNG压缩机技术参数 CNG Compressor technical parameters		
进压范围 Inlet Pressure Range		1.0MPa
电源电压 Voltage		380V
活塞行程 Piston Stroke		2*100mm
气缸数量 Number Of Cylinders		2
进气温度 Inlet Air Temperature		30°C
最大排压 Maximum outlet Pressure		25.0MPa
防爆等级 Explosion-proof Grade		dIIBT4
压缩级数 Compression Stages		2级 Class
转速 Speed		985rpm
气缸润滑方式 Cylinder Lubrication		2*3-5g/min
最高排气温度 Maximum Exhaust Temperature		< 140°C
最大轴功率 Maximum Shaft Power		183kW
冷却方式 Cooling Method		混冷 Mixed cold
启动方式 Start Method		软启动 Soft start
最高气体出口温度 Maximum Gas Outlet Temperature		环境温度 Temperature +15°C



设备型号 Device Model	WDFWD-3000/5.0 II 半自动semi-automatic	
工作流量 Workflow	Nm3 / h	3000
设计压力 Design Pressure	MPa	9.0
工作压力 Work Pressure	MPa	5.0
入口天然气压力露点 Inlet Natural Gas Pressure Dew Point	°C/MPa	-13/0.6
进口温度 Inlet Temperature	°C	15~40
单塔连续工作时间 Continuous Working Time Of Single Tower	h	≥ 12
再生时间 Regeneration Time	h	8
出口气体常压露点 Atmospheric Dew Point Of Outlet Gas	°C	≤ - 60
出口气体过滤精度 Outlet Gas Filtration Accuracy	μm	≤ 3
进出口初始压力降 Initial Pressure Drop At Inlet And Outlet	KPa	≤ 50
电机防爆等级 Motor Explosion-proof Rating	Exd II	BT4
再生气加热温度 Regeneration Gas Heating Temperature	°C	150 ~ 220
电加热器功率 Electric Heater Power	380v/KW/50Hz	19
总功率 Total Power	380v/KW/50Hz	30
进出口接口 Import And Export Interface	mm	DN100
外形尺寸 Dimensions	mm	3800×2200×2500
质量 Quality	kg	4300
切换方式 Switch Mode	手动阀门，双塔手动切换。 Manual valve, manual switching of double towers.	
再生方式 Regeneration Method	闭式循环、加热再生、手动排污。 Closed cycle, heating regeneration, manual blowdown.	
控制方式 Control Method	PLC自动控制再生、触摸屏、故障自动提示报警。PLC automatically controls regeneration, touch screen, and automatic fault prompting and alarming.	



CNG加气机控制器
CNG Dispenser Controller



CNG压力表
CNG Manometer



CNG二位三通阀
CNG Three Way Valve



CNG软管组件
CNG Hose



CNG 压力传感器
CNG Pressure Transducer



CNG安全阀
CNG Safety Valve



CNG 过滤器
CNG Filter



CNG 电磁阀
CNG Solenoid Valve



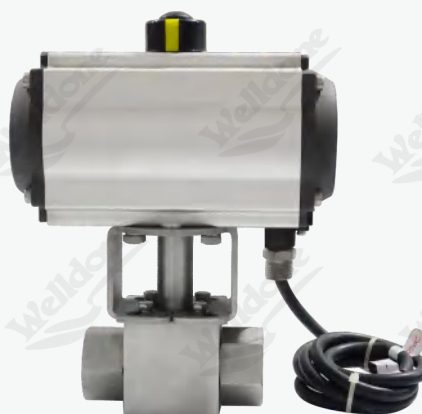
CNG 拉断阀
CNG Breakaway Valve



CNG 球阀
CNG Ball Valve



CNG 接头
CNG Swivel



CNG 气动阀
CNG Pneumatic Valve

ABOUT US

关于我们



我们是生产加油(加气)站设备,在氢能源,液化天然气,压缩天然气,液化气,燃油,尿素,充电桩,家用储能设备,工商业储能设备都有很大的发展和成果。如果你也是同道中人,如果你也对新能源感兴趣。欢迎来到汇洋能源! 我们拥有多项认证,如ISO、CE、ATEX、PED、TUV、PEI、CPA、CMA、防爆认证等。我们拥有自己的专利和版权。愿我们的产品,我们的服务,能留在您深深的脑海里。最好的质量,最好的服务和最优惠的价格,是我们的服务宗旨。期待您的光临!

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If you are doing the same range business, if you are interested in new energy, welcome you to visit us!

We have many certificates like ISO, CE, ATEX, PED, TUV, PEI, CPA, CMA, Explosion proof certificates and so on. We have our own Patent and copyrights.

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Well Quality We Done! Well Service We Done! Well Price We Done!

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CNG DISPENSER CE



LNG DISPENSER CE



FUEL DISPENSER CE



LPG DISPENSER CE



LNG DISPENSER
EXPLOSION PROOF



CNG DISPENSER
EXPLOSION PROOF



RADIOGRAPHIC
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EV CHARGER TUV

HONORARY CERTIFICATE



LNG DISPENSER ATEX



MOBILE GAS
STATION ATEX



FUEL DISPENSER ATEX



SUBMERSIBLE TURBINE
PUMP ATEX



LNG DISPENSER PED



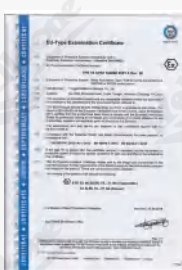
JUNCTION BOX ATEX



ABBLUE DISPENSER CE



POSITIVE DISPLACEMENT
METER CE



MASS METER ATEX



MOBILE GAS STATION CE



PEI MEMBER CERTIFICATE



FACTORY ISO



FACTORY ISO



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PQR TEST REPORT



PATENT CERTIFICATES FOR
MANAGEMENT SYSTEM



CNG DISPENSER PAC



LNG DISPENSER PAC

Welldone 汇洋能源



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