Part No.

SP0V-30PSIG-D

Sampling Pump, 2 hoses, 30 psig Digital gauge kit

The SP0V gas sampling pump can pull low pressure gas from a well or biogas reactor and boost it to pump it into a sample container

SP0V-30PSIG-D

Included Items

- Hand Pump - SP0V Gas Sampling Pump (SP0V)
- Pressure Reference - LC10 pressure gauge, -15 to 30 psi / -100 to 200 kPa, 1/4" Male NPT bottom connection (LC10-VF2M)
- Reference Connection - 1/4" female NPT x female Quick-test, no check-valve, S.S. (QTHA-2FSA)
- Process Connection (Qty 2) - QTHA-2MS0-VT (QTHA-2MS0-VT)
- Hose 1 - Quick-test 6900 psi hose, S.S. hose ends, 6 ft (1.83 m) long (QSQS-HOS-6ft)
- Hose 2 - Quick-test 6900 psi hose, S.S. hose ends, 3 ft (92 cm) long (QSQS-HOS-3ft)

Specs/Attributes

Materials	Anodized Aluminum, Stainless Steel
Seal Materials	Viton
Max Pressure	100 PSI / 7 bar / 700 kPa
Max Operating Temperature	130 °F / 54 °C
Hose 1	Quick-test Hose, Stainless Steel ends, 6ft / 1.9m long
Pressure Reference	Digital pressure gauge, 30 PSIG Pressure
Wetted Materials	316 Stainless Steel
Country of origin	USA

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Specs/Attributes

Hose 2	Quick-test Hose, Stainless Steel ends, 3ft / 0.9m long
Process Connection	1/4" Male NPT
Reference Connection	1/4" Female NPT
Weight	2.28 lbs / 1.03 kg
Dimensions	H: 7.88 in (20.02 cm) x W: 3.75 in (9.53 cm) x D: 7.75 in (19.69 cm)

Hand Pump SP0V

Max Pressure	100 PSI / 7 bar / 700 kPa
Max Operating Temperature	140 °F / 60 °C
Materials	Anodized Aluminum, Stainless Steel
Media Compatibility	Air, Inert Gas, Natural Gas
Min Operating Temperature	0 °F / -18 °C
Outlet Port	Male Quick-test, Male Quick-test with cap and chain
Seal Materials	Delrin, Viton
Inlet Port	Male Quick-test with check-valve
Country of origin	USA
Piston Displacement	3.20 Cu In
Harmonized Code	8414.20.0000
Weight	1.60 lbs / 725 grams
Dimensions	H: 2.9 in (7.37 cm) x W: 8 in (20.32 cm) x D: 3.4 in (8.64 cm)

Pressure Reference LC10-VF2M

Battery Count	2
Battery Life	1500 Hours
Battery Type	AA Alkaline (IEC-LR6)
Calibration Certificate	Not included
Certifications	Certified to CSA Standard C22.2 No. 61010-1, Conforms to UL / IEC / EN / AS Standard No. 61010-1, Complies with Pressure Equipment Directive 2014/68/EU, Complies with Low Voltage Directive 2014/35/EU, Complies with Electromagnetic Compatibility Directive 2014/30/EU
Country of origin	USA
Data Logging	PC based (via USB)
Electrical Rating	50 mA @ 5 VDC
Harmonized Code	9026.20.0000
Ingress Protection	IP67 (1 meter water submersion for 30 minutes)
LCD Display	2.4 in / 61 mm segmented LCD Display
Materials	ABS / Polycarbonate Blend, Powder Coated Aluminum
Max Operating Temperature	120 °F / 50 °C

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Pressure Reference LC10-VF2M

Min Operating Temperature	-4 °F / -20 °C
Operating Altitude (max)	10,000 ft (3050 m)
Panel Mount	No
Primary Power	Battery Power
Process Connection Location	Bottom mount
Protection Class	Pollution Degree 2 (UL / IEC 61010-1)
Relative Humidity	0% to 90% (-10 to 35°C) , 0% to 70% (35 to 50°C)
Sensor Type	High Precision MEMS
Temperature Compensation	None
USB Connection	USB (Micro B)
Wetted Materials	316 Stainless Steel
Connector End 1	1/4" Male NPT (ASME B1.20.1)
Weight	12.6 oz / 355 grams
Dimensions	H: 1.75 in (4.45 cm) x W: 3.4 in (8.64 cm) x D: 3.1 in (7.87 cm)

Reference Connection QTHA-2FSA

Country of origin	USA
Has Check Valve	No
Materials	Stainless Steel
Max Operating Temperature	225 °F / 105 °C
Max Pressure	5000 PSI / 350 bar / 35 MPa
Max Vacuum	0.00 InHg / 0.0 kPa
Wrench Size	3/4 In 19 mm
Connector End 1	1/4" Female NPT (ASME B1.20.1)
Connector End 2	Female Quick-test
Weight	1.81 oz / 51 grams
Dimensions	H: 1.52 in (3.86 cm) x W: 0.75 in (1.91 cm) x D: 0.75 in (1.91 cm)

Process Connection (Qty 2) QTHA-2MS0-VT

Burst Pressure	20000 PSI / 1380 bar / 140 MPa
Country of origin	USA
Materials	Stainless Steel
Max Operating Temperature	400 °F / 205 °C
Max Pressure	5000 PSI / 350 bar / 35 MPa

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Process Connection (Qty 2) QTHA-2MS0-VT

Min Operating Temperature	-15 °F / -26 °C
Seal Materials	Viton
Wrench Size	9/16 In 15 mm
Connector End 1	1/4" Male NPT (ASME B1.20.1)
Connector End 2	Male Quick-test
Weight	1.01 oz / 29 grams
Dimensions	H: 1.29 in (3.28 cm) x W: 0.56 in (1.42 cm) x D: 0.56 in (1.42 cm)

Hose 1 QSQS-HOS-6ft

Burst Pressure	27000 PSI / 1860 bar / 185 MPa
Color	Silver
Country of origin	USA
Fluid Media	Air,Inert Gas,Natural Gas,Petroleum Based Oil,Water
Hose Length	6 ft / 1.83 m
Inner Diameter	0.08 In / 3.00 mm
Length	6 ft / 2.00 m
Materials	Stainless Steel
Max Operating Temperature	140 °F / 60 °C
Max Pressure	6900 PSI / 475 bar / 48 MPa
Max Vacuum	-30.00 InHg / -101.6 kPa
Media Compatibility	Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water
Min Operating Temperature	-40 °F / -40 °C
Minimum Bend Radius	1.00 In / 26 mm
Outer Diameter	0.20 In / 6.00 mm
Type	QT
Weight	2.98 oz / 84 grams

Hose 2 QSQS-HOS-3ft

Burst Pressure	27000 PSI / 1860 bar / 185 MPa
Color	Silver
Country of origin	USA
Fluid Media	Air,Inert Gas,Natural Gas,Petroleum Based Oil,Water
Hose Length	3ft / 0.91 m
Inner Diameter	0.08 In / 3.00 mm
Length	3 ft / 92 cm
Materials	Stainless Steel

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Hose 2 QSQS-HOS-3ft

Max Operating Temperature	140 °F / 60 °C
Max Pressure	6900 PSI / 475 bar / 48 MPa
Max Vacuum	-30.00 InHg / -101.6 kPa
Media Compatibility	Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water
Min Operating Temperature	-40 °F / -40 °C
Minimum Bend Radius	1.00 In / 26 mm
Outer Diameter	0.20 In / 6.00 mm
Type	QT
Weight	2.48 oz / 70 grams