

Part No.

SPOV-15PSIG-D

Sampling pump, 2 hoses, 15 psi digital gauge kit

The SPOV gas sampling pump can pull low pressure gas from a well and boost it to 25 psi to pump it into a sample cylinder



SPOV-15PSIG-D

Included Items

- Hand Pump - SPOV Gas Sampling Pump (SPOV)
- Pressure Reference - LC10 pressure gauge, 15 psi / 1 bar / 100 kPa, 1/4" Male NPT bottom connection (LC10-GD2M)
- Reference Connection - 1/4" female NPT x female Quick-test, no check-valve, S.S. (QTHA-2FSA)
- Process Connection 1 - QTHA-2MS0-VT (QTHA-2MS0-VT)
- Process Connection 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

| | |
|---------------------------|--|
| Hose 1 | Quick-test Hose, Stainless Steel ends, 6ft / 1.9m long |
| Pressure Reference | Digital pressure gauge, 15 PSIG Pressure |
| Materials | Anodized Aluminum, Stainless Steel |
| Seal Materials | Viton |
| Max Pressure | 100 PSI / 7 bar / 700 kPa |
| Max Operating Temperature | 130 °F / 54 °C |
| Country of origin | USA |
| Hose 2 | Quick-test Hose, Stainless Steel ends, 3ft / 0.9m long |
| Process Connection | 1/4" Male NPT |
| Reference Connection | 1/4" Female NPT |

Specs/Attributes

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|------------|--|
| 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 SPOV

| | |
|---------------------------|--|
| 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 |
| Pressure Media | Gas |
| Country of origin | USA |
| 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-GD2M

| | |
|---------------------------|---|
| Battery Count | 2 |
| Battery Life | 1500 Hours |
| Battery Type | AA Alkaline (IEC-LR6) |
| Burst Pressure | 60 PSI / 4.1 bar / 410 kPa |
| 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 |
| Datalogging | PC based (via USB) |
| Electrical Rating | 50 mA @ 5 VDC |
| Engineering Units | atm, bar, cmH2O @4°C, inH2O @39°C, kPa, mbar, psi, inHg @39°F, kgf / cm ² , mmHg @0°C, Torr, mmH2O @4°C, ftH2O @39°F, cmHg @ 0°C, oz / in ² |
| 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 |
| Max Pressure | 15 PSI / 1 bar / 100 kPa |
| Max Storage Temperature | 165 °F / 75 °C |

Pressure Reference LC10-GD2M

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|----------------------------------|---|
| Measurement Type | Gauge Pressure |
| Media Compatibility | Air, Alcohol, Antifreeze, Ethylene Glycol, Hydraulic Oil, Inert Gas, Mineral Oil, Natural Gas, Petroleum Based Oil, Skydrol, Windshield washer fluid, Transmission fluid, Light motor oil, Ralston Calibration Oil, Water |
| Min Operating Temperature | -4 °F / -20 °C |
| Min Storage Temperature | -40 °F / -40 °C |
| Operating Altitude (max) | 10,000 ft (3050 m) |
| Panel Mount | No |
| Pressure Measurement Uncertainty | +/- 0.25% of Full Scale (ASME B40.100 Grade 3A/ISO Class 0.25) |
| Primary Power | Battery Power |
| Process Connection | 1/4" Male NPT |
| 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, Pressure Sensor |
| Temperature Compensation | None |
| USB Connection | USB (Micro B) |
| Wetted Materials | 316 Stainless Steel |
| Wrench Size | 7/8 In 23 mm |
| Weight | 12.6 oz / 355 grams |
| Dimensions | H: 1.75 in (4.45 cm) x W: 3.4 in (8.64 cm) x D: 4.1 in (10.41 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 |
| Dimensions | H: 1.52 in (3.86 cm) x W: 0.75 in (1.91 cm) |

Process Connection 1 QTHA-2MS0-VT

| | |
|-------------------|-----------------|
| Materials | Stainless Steel |
| Seal Materials | Viton |
| Country of origin | USA |

Process Connection 2 QTHA-2MS0-VT

| | |
|-------------------|-----------------|
| Materials | Stainless Steel |
| Seal Materials | Viton |
| Country of origin | USA |

Hose 1 QSQS-HOS-6ft

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|---------------------------|---|
| 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 |

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 |
| 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 |

Hose 2 QSQS-HOS-3ft

| | |
|------|----|
| Type | QT |
|------|----|