

Part No.

QSCM-KIT1-GT

QSCM manifold, 5000 PSIG LC20 digital gauge, 20ft, 2ft hoses, (2) 1/4" MNPT process conn., nylon bag

Perform static pressure calibrations using nitrogen with included calibration manifold, pressure gauge and hoses



QSCM-KIT1-GT

Included Items

- Manifold - QSCM Stainless Steel Calibration Manifold (QSCM)
- Pressure Reference - LC20 pressure gauge, 5000 psi / 35 MPa, 1/4" Male NPT bottom connection (LC20-GT2M-00-00)
- Reference Connection - 1/4" female NPT x female Quick-test, no check-valve, S.S. (QTHA-2FSA)
- Process Connection (Qty 2) - 1/4" male NPT x male Quick-test, no check-valve, S.S. (QTHA-2MS0)
- Hose 1 - Quick-test 6900 psi hose, S.S. hose ends, 20 ft (6.10 m) long (QSQS-HOS-20ft)
- Hose 2 - Quick-test 6900 psi hose, S.S. hose ends, 2 ft (61 cm) long (QSQS-HOS-2ft)
- Bag - Zippered bag to hold hose and adapters, nylon (SM-0027)

Specs/Attributes

| | |
|---------------------------|-----------------------------|
| Materials | Stainless Steel |
| Seal Materials | Buna-N, Delrin, Teflon |
| Max Pressure | 5000 PSI / 350 bar / 35 MPa |
| Min Operating Temperature | 0 °F / -18 °C |
| Max Operating Temperature | 130 °F / 54 °C |

Specs/Attributes

| | |
|----------------------|---|
| Country of origin | USA |
| Hose 1 | Quick-test Hose, Stainless Steel ends, 20ft / 6.1m long |
| Hose 2 | Quick-test Hose, Stainless Steel ends, 2ft / 0.6m long |
| Pressure Reference | Digital pressure gauge, 5000 PSIG Pressure |
| Process Connection | 1/4" Male NPT |
| Reference Connection | 1/4" Female NPT |
| Weight | 2.63 lbs / 1.19 kg |
| Dimensions | H: 7.88 in (20.02 cm) x W: 5 in (12.7 cm) x D: 3.78 in (9.6 cm) |

Manifold QSCM

| | |
|----------------------------|--|
| Inlet Port | Male Quick-test |
| Media Compatibility | Air, Inert Gas, Natural Gas |
| Outlet Port | Male Quick-test |
| Seal Materials | Buna-N, Delrin, Teflon |
| Burst Pressure | 20000 PSI / 1380 bar / 140 MPa |
| Materials | Anodized Aluminum, Stainless Steel |
| Max Pressure | 5000 PSI / 350 bar / 35 MPa |
| Max Vacuum | 0.00 InHg / 0.0 kPa |
| Min Operating Temperature | 0 °F / -18 °C |
| Max Operating Temperature | 130 °F / 54 °C |
| Fine Adjustment Resolution | 0.1 psi / 690 Pa |
| Country of origin | USA |
| Harmonized Code | 9032.81.0060 |
| Weight | 2.20 lbs / 1000 grams |
| Dimensions | H: 3.8 in (9.65 cm) x W: 5.1 in (12.95 cm) x D: 2.3 in (5.84 cm) |

Pressure Reference LC20-GT2M-00-00

| | |
|---------------------------|--|
| Battery Count | 2 |
| Battery Life | 1000 Hours |
| Battery Type | AA Alkaline (IEC-LR6) |
| Bluetooth Radio Installed | No |
| Calibration Certificate | ISO 17025:2017 Accredited |
| Certifications | Certified to CSA Standard C22.2 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) |

Pressure Reference LC20-GT2M-00-00

| | |
|-----------------------------|---|
| 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 |
| Min Operating Temperature | -4 °F / -20 °C |
| Panel Mount | No |
| Primary Power | Battery Power |
| Process Connection | 1/4" Male NPT (ASME B1.20.1) |
| Process Connection Location | Bottom mount |
| Protection Class | Pollution Degree 2 (UL / IEC 61010-1) |
| Temperature Compensation | None |
| USB Connection | USB (Micro B) |
| W1 Radio Installed | No |
| Wetted Materials | 316 Stainless Steel |
| Wireless | None |
| 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 |
| 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

| | |
|-------------------|-----|
| Country of origin | USA |
|-------------------|-----|

Process Connection (Qty 2) QTHA-2MS0

| | |
|---------------------------|--|
| 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 |
| Min Operating Temperature | 0 °F / -18 °C |
| Seal Materials | Buna-N |
| 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-20ft

| | |
|---------------------------|---|
| 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 | 20 ft / 6.10 m |
| Inner Diameter | 0.08 In / 3.00 mm |
| Length | 20 ft / 7.00 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 | 5.41 oz / 155 grams |

Hose 2 QSQS-HOS-2ft

| | |
|----------------|--------------------------------|
| Burst Pressure | 27000 PSI / 1860 bar / 185 MPa |
| Color | Silver |

Hose 2 QSQS-HOS-2ft

| | |
|---------------------------|---|
| Country of origin | USA |
| Fluid Media | Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water |
| Hose Length | 2ft / 0.60 m |
| Inner Diameter | 0.08 In / 3.00 mm |
| Length | 2 ft / 61 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 |
| Type | QT |
| Weight | 2.23 oz / 63 grams |

Bag SM-0027

| | |
|-------------------|---|
| Materials | Zippered Nylon |
| Country of origin | USA |
| Weight | 3 oz / 85 grams |
| Dimensions | H: 10 in (25.4 cm) x W: 2 in (5.08 cm) x D: 9 in (22.86 cm) |