

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-2F5A)
- Process Connection 1 - 1/4" male NPT x male Quick-test, no check-valve, S.S. (QTHA-2MS0)
- Process Connection 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
Country of origin	USA
Hose 1	Quick-test Hose, Stainless Steel ends, 20ft / 6.1m long

Specs/Attributes

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	0.10 PSI / 0.69 mbar / 0.00 kPa
Country of origin	USA
Pressure Media	Nitrogen, inert gas
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

Accuracy - Pressure Measurement	+/- 0.1% of Full Scale (ASME B40.100 Grade 4A/ISO Class 0.1)
Battery Count	2
Battery Life	1000 Hours
Battery Type	AA Alkaline (IEC-LR6)
Burst Pressure	20000 PSI / 1380 bar / 140 MPa
Calibration Certificate	NIST traceable (included)
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)
Electrical Rating	50 mA @ 5 VDC
Engineering Units	atm, bar, kPa, MPa, psi, inHg @39°F, kgf / cm ² , Torr, ftH2O @39°F, cmHg @ 0°C, oz / in ²

Pressure Reference LC20-GT2M-00-00

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	5000 PSI / 350 bar / 35 MPa
Max Storage Temperature	165 °F / 75 °C
Measurement Type	Gauge Pressure
Media Compatibility	Inert Gas, Natural Gas, Petroleum Based Oil, Water, Air, Alcohol, Antifreeze, Ethylene Glycol, Hydraulic Oil, Mineral Oil, Skydrol, Windshield washer fluid, Transmission fluid, Light motor oil, Ralston Calibration Oil
Min Operating Temperature	-4 °F / -20 °C
Min Storage Temperature	-40 °F / -40 °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)
Sensor Type	Pressure Sensor
Temperature Compensation	None
USB Connection	USB (Micro B)
W1 Radio Installed	No
Wetted Materials	316 Stainless Steel
Wrench Size	23 mm 7/8 In
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

Reference Connection QTHA-2FSA

Connector End 1	1/4" Female NPT (ASME B1.20.1)
Connector End 2	Female Quick-test
Dimensions	H: 1.52 in (3.86 cm) x W: 0.75 in (1.91 cm)

Process Connection 1 QTHA-2MS0

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
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
Dimensions	H: 1.29 in (3.28 cm) x W: 0.56 in (1.42 cm)

Process Connection 2 QTHA-2MS0

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
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
Dimensions	H: 1.29 in (3.28 cm) x W: 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 1 QSQS-HOS-20ft

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

Hose 2 QSQS-HOS-2ft

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	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

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)