

Part No.

QSCM-5KPSIG-D

QSCM manifold, 5000 PSIG 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-5KPSIG-D

Included Items

- Manifold - QSCM Stainless Steel Calibration Manifold (QSCM)
- Pressure Reference - LC10 pressure gauge, 5000 psi / 350 bar / 35 MPa, 1/4" Male NPT bottom connection (LC10-GT2M)
- Reference Connection - 1/4" female NPT x female Quick-test, no check-valve, S.S. (QTHA-2FSA)
- 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)
- Nylon bag - Zippered bag to hold hose and adapters, nylon (QTHA-HSBG)

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
Hose 2	Quick-test Hose, Stainless Steel ends, 2ft / 0.6m long

Specs/Attributes

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
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 LC10-GT2M

Battery Count	2
Battery Life	1500 Hours
Battery Type	AA Alkaline (LR6)
Burst Pressure	20000 PSI / 1380 bar / 140 MPa
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
Electrical Rating	50 mA @ 5 VDC
Engineering Units	atm, bar, kPa, MPa, psi, inHg @39°F, kgf / cm ² , ftH ₂ O @39°F, cmHg @ 0°C, oz / sqin
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

Pressure Reference LC10-GT2M

Max Storage Temperature	165 °F / 75 °C
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)
Pressure Measurement Uncertainty	+/- 0.25% of Full Scale (ASME Grade 3A/ISO Class 0.25)
Process Connection	1/4" Male NPT
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	Pressure Sensor
USB Connection	USB (Micro B)
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
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

Process Connection 1 QTHA-2MSO

Min Operating Temperature	0 °F / -18 °C
Seal Materials	Buna-N
Wrench Size	9/16 In 15 mm
Dimensions	H: 1.29 in (3.28 cm) x W: 0.56 in (1.42 cm)

Process Connection 2 QTHA-2MSO

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
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
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	0.00 InHg / 0.0 kPa
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

Hose 2 QSQS-HOS-2ft

Country of origin	USA
Fluid Media	Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water
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	0.00 InHg / 0.0 kPa
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

Nylon bag QTHA-HSBG

Max Pressure	0.00 PSI / 0.00 mbar / 0.00 kPa
Max Vacuum	0.00 InHg / 0.0 kPa
Materials	Zippered Nylon
Country of origin	USA