Ralston Instruments www.ralstoninst.com

Part No.

QTCM-1MBA-6m-1m

Brass manifold, fine adjust, 1/8" male NPT gauge conn., 6 meter inlet hose, 1 meter outlet hose

Attach a gauge or pressure calibrator directly to the calibration manifold and easily perform static pressure calibrations (pressure gauge not included)

QTCM-1MBA-6m-1m

Included Items

- Manifold - QTCM Brass Calibration Manifold (QTCM)
- Reference Connection - 1/8" male NPT x female Quick-test, no check-valve, brass (QTHA-1MBA)
- Process Connection 1 - 1/4" male NPT x male Quick-test, no check-valve, brass (QTHA-2MB0)
- Process Connection 2 - 1/4" male NPT x male Quick-test, no check-valve, brass (QTHA-2MB0)
- Hose 1 - Quick-test 6900 psi hose, brass hose ends, 6 m (19.7 ft) long (QTQT-HOS-6m)
- Hose 2 - Quick-test 6900 psi hose, brass hose ends, 1 m (3.3 ft) long (QTQT-HOS-1m)
- Bag - Zippered bag to hold hose and adapters, nylon (SM-0027)

Specs/Attributes

Materials	Anodized Aluminum, Brass
Seal Materials	Buna-N, Delrin, Teflon
Max Pressure	3000 PSI / 200 bar / 20 MPa
Min Operating Temperature	0 °F / -18 °C
Max Operating Temperature	130 °F / 54 °C
Country of origin	USA
Hose 1	Quick-test Hose, Brass ends, 6m long
Hose 2	Quick-test Hose, Brass ends, 1m long
Pressure Reference	None
Process Connection	1/4" Male NPT
Reference Connection	1/8" Male NPT
Weight	2.19 lbs / 995 grams
Dimensions	H: 3.78 in (9.6 cm) x W: 5.16 in (13.11 cm) x D: 2.63 in (6.68 cm)

Manifold QTCM

Max Pressure	3000 PSI / 200 bar / 20 MPa

Manifold QTCM

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
Harmonized Code	9032.81.0060
Country of origin	USA
Inlet Port	Male Quick-test
Materials	Anodized Aluminum, Brass
Media Compatibility	Air, Inert Gas, Natural Gas
Outlet Port	Male Quick-test
Seal Materials	Buna-N, Delrin, Teflon
Burst Pressure	12000 PSI / 825 bar / 83 MPa
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)

Reference Connection QTHA-1MBA

Country of origin	USA
Has Check Valve	No
Materials	Brass
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	9/16 In 15 mm
Connector End 1	1/8" Male NPT (ASME B1.20.1)
Connector End 2	Female Quick-test
Weight	1.36 oz / 39 grams
Dimensions	H: 1.55 in (3.94 cm) x W: 0.7 in (1.78 cm) x D: 0.7 in (1.78 cm)

Process Connection 1 QTHA-2MB0

Burst Pressure	20000 PSI / 1380 bar / 140 MPa
Country of origin	USA
Materials	Brass
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

Process Connection 1 QTHA-2MB0

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	1.09 oz / 31 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)

Process Connection 2 QTHA-2MB0

Burst Pressure	20000 PSI / 1380 bar / 140 MPa
Country of origin	USA
Materials	Brass
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	1.09 oz / 31 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 QTQT-HOS-6m

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 m / 19.69 ft
Inner Diameter	0.08 In / 3.00 mm
Length	6.00 m / 19 ft 8 in
Materials	Reinforced Polyamide, Brass
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 1 QTQT-HOS-6m

Type	QT
Weight	6.33 oz / 180 grams

Hose 2 QTQT-HOS-1m

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	1 m / 3.28 ft
Inner Diameter	0.08 In / 3.00 mm
Length	1.00 m / 3 ft 3 in
Materials	Brass
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	2.67 oz / 76 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)