Part No.

QTCM-KIT1-GR-B1

QTCM Calibration manifold, 3000 psi LC20 pressure gauge with Bluetooth, hoses and adapters

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

QTCM-KIT1-GR-B1

Included Items

- Manifold - QTCM Brass Calibration Manifold (QTCM)
- Pressure Reference - LC20 pressure gauge, 3000 psi / 200 bar / 20 MPa, 1/4" Male NPT bottom conn., Bluetooth radio (LC20-GR2M-00-B1)
- Hose 1 - Quick-test 6900 psi hose, brass hose ends, 20 ft (6.10 m) long (QTQT-HOS-20ft)
- Hose 2 - Quick-test 6900 psi hose, brass hose ends, 2 ft (61 cm) long (QTQT-HOS-2ft)
- Bag - Zippered bag to hold hose and adapters, nylon (SM-0027)
- Reference Connection - 1/4" female NPT x female Quick-test, no check-valve, brass (QTHA-2FBA)
- Process Connection (Qty 2) - 1/4" male NPT x male Quick-test, no check-valve, brass (QTHA-2MB0)

Specs/Attributes

Hose 2	Quick-test Hose, Brass ends, 2ft / 0.6m long
Seal Materials	Buna-N, Delrin, Teflon
Max Pressure	3000 PSI / 200 bar / 20 MPa
Hose 1	Quick-test Hose, Brass ends, 20ft / 6.1m long

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Specs/Attributes

Min Operating Temperature	0 °F / -18 °C
Process Connection	1/4" Male NPT
Country of origin	USA
Max Operating Temperature	130 °F / 54 °C
Materials	Brass
Reference Connection	1/4" Female NPT
Pressure Reference	Digital pressure gauge, 1000 PSIG Pressure
Weight	2.71 lbs / 1.23 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 QTCM

Max Pressure	3000 PSI / 200 bar / 20 MPa
Min Operating Temperature	0 °F / -18 °C
Max Operating Temperature	130 °F / 54 °C
Harmonized Code	9032.81.0060
Country of origin	USA
Fine Adjustment Resolution	0.1 psi / 690 Pa
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)

Pressure Reference LC20-GR2M-00-B1

Battery Count	2
Battery Life	1000 Hours
Battery Type	AA Alkaline (IEC-LR6)
Bluetooth Radio Installed	Yes
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

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Pressure Reference LC20-GR2M-00-B1

Contains Wireless Module	Yes
Country of origin	USA
Data Logging	870 Readings (onboard)
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 Location	Bottom mount
Protection Class	Pollution Degree 2 (UL / IEC 61010-1)
Radio Approvals	FCC ID 2AA9B04, IC ID 12208A-04, Japan ID 210-107153, Korea - Clause 3, Article 58-2 of Radio Waves Act
Radio Type	Bluetooth 5 LE
Temperature Compensation	None
USB Connection	USB (Micro B)
Wetted Materials	316 Stainless Steel
Wireless	Bluetooth
Wireless Range	330 ft / 100 m
Connector End 1	1/4" Male NPT (ASME B1.20.1)
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)

Hose 1 QTQT-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	Brass

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Hose 1 QTQT-HOS-20ft

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	5.6 oz / 160 grams

Hose 2 QTQT-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	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	2.45 oz / 69 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)

Reference Connection QTHA-2FBA

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Reference Connection QTHA-2FBA

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	3/4 In 19 mm
Connector End 1	1/4" Female NPT (ASME B1.20.1)
Connector End 2	Female Quick-test
Weight	2.05 oz / 58 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-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)