

Part No.

QTVC-KIT5-GR-B1

QTVC volume controller, 1/4" female NPT gauge connection, (2) hoses, 3000 psi LC20 gauge with Bluetooth

Connect to and calibrate both very low or high pressure instrumentation using included volume controller and pressure gauge



QTVC-KIT5-GR-B1

Included Items

- Volume Controller - QTVC Volume Controller (QTVC)
- Pressure Reference - LC20 pressure gauge, 3000 psi / 200 bar / 20 MPa, 1/4" Male NPT bottom conn., Bluetooth radio (LC20-GR2M-00-B1)
- Hose 2 - Quick-test 6900 psi hose, brass hose ends, 3 ft (92 cm) long (QTQT-HOS-3ft)
- Hose 1 - Quick-test 6900 psi hose, brass hose ends, 6 ft (1.83 m) long (QTQT-HOS-6ft)
- Process Connection (Qty 2) - 1/4" male NPT x male Quick-test, no check-valve, brass (QTHA-2MB0)
- Reference Connection - 1/4" female NPT x female Quick-test, no check-valve, brass (QTHA-2FBA)

Specs/Attributes

Max Operating Temperature	130 °F / 54 °C
Max Vacuum	10 InHg / 33.9 kPa
Materials	Anodized Aluminum, Brass, Plated Steel, Stainless Steel
Hose 1	Quick-test Hose, Brass ends, 6ft / 1.9m long
Pressure Reference	Digital pressure gauge, 3000 PSIG Pressure
Process Connection	1/4" Male NPT
Seal Materials	Buna-N, Delrin, Teflon
Reference Connection	1/4" Female NPT

Specs/Attributes

Min Operating Temperature	0 °F / -18 °C
Hose 2	Quick-test Hose, Brass ends, 3ft / 0.9m long
Max Pressure	3000 PSI / 200 bar / 20 MPa
Country of origin	USA
Weight	6.51 lbs / 2.95 kg
Dimensions	H: 10.5 in (26.67 cm) x W: 8.5 in (21.59 cm) x D: 7.38 in (18.75 cm)

Volume Controller QTVC

Harmonized Code	9032.81.0060
Inlet Port	Male Quick-test
Outlet Port	Male Quick-test, Male Quick-test with cap and chain
Max Pressure	3000 PSI / 200 bar / 20 MPa
Max Vacuum	10 InHg / 33.9 kPa
Min Operating Temperature	0 °F / -18 °C
Max Operating Temperature	130 °F / 54 °C
Mechanical Rotation	42 turns (pressure balanced)
Materials	Anodized Aluminum, Brass, Powder Coated Steel, Stainless Steel
Media Compatibility	Air, Inert Gas, Natural Gas
Seal Materials	Buna-N, Delrin, Teflon
Country of origin	USA
Fine Adjustment Resolution	0.0005 psi / 3 Pa
Weight	3.70 lbs / 1.68 kg
Dimensions	H: 6.8 in (17.27 cm) x W: 8.5 in (21.59 cm) x D: 6.6 in (16.76 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
Contains Wireless Module	Yes
Country of origin	USA
Data Logging	870 Readings (onboard)

Pressure Reference LC20-GR2M-00-B1

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 2 QTQT-HOS-3ft

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	3ft / 0.91 m
Inner Diameter	0.08 In / 3.00 mm
Length	3 ft / 92 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

Hose 2 QTQT-HOS-3ft

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	2.68 oz / 76 grams

Hose 1 QTQT-HOS-6ft

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 ft / 1.83 m
Inner Diameter	0.08 In / 3.00 mm
Length	6 ft / 2.00 m
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	3.19 oz / 90 grams

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

Process Connection (Qty 2) 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)

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)