Part No.

QTVC-EN-KIT4-GR-B1

ControlPak Pressure Controller, 3000 psi LC20 pressure gauge with Bluetooth, 6ft and 3ft hoses, adapters

Perform both ultra-precise low pressure differential or high pressure static pressure calibrations with nitrogen using the same device with an external pressure calibrator

QTVC-EN-KIT4-GR-B1

Included Items

- Pressure Controller - ControlPak Manual Pressure Controller (QTVC-EN)
- Pressure Reference - LC20 pressure gauge, 3000 psi / 200 bar / 20 MPa, 1/4" Male NPT bottom conn., Bluetooth radio (LC20-GR2M-00-B1)
- Bag - Zippered bag to hold hose and adapters, nylon (SM-0084)
- Gauge Carrying Case - LC10 or LC20 Single Channel Pressure Gauge Case (No Bluetooth or Wireless) (LC-CASE)
- Process Connection (Qty 2) - 1/4" male NPT x male Quick-test, no check-valve, brass (QTHA-2MB0)
- Hose - Quick-test 6900 psi hose, brass hose ends, 6 ft (1.83 m) long (QTQT-HOS-6ft)
- Hose - Quick-test 6900 psi hose, brass hose ends, 3 ft (92 cm) long (QTQT-HOS-3ft)
- Reference Connection - 1/4" female NPT x female Quick-test, no check-valve, brass (QTHA-2FBA)

Specs/Attributes

Media Compatibility	Air, Inert Gas
Outlet Port	Male Quick-test
Max Vacuum	10 InHg / 33.9 kPa
Pressure Reference	None
Min Operating Temperature	0 °F / -18 °C
Inlet Port	Male Quick-test
Max Operating Temperature	130 °F / 54 °C

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Specs/Attributes

Materials	ABS Plastic, Anodized Aluminum, Brass, Plated Steel, Stainless Steel
Max Pressure	3000 PSI / 200 bar / 20 MPa
Country of origin	USA
Hose 2	Quick-test Hose, Brass ends, 3ft / 0.9m long
Process Connection	None
Seal Materials	Buna-N, Delrin, Teflon
Reference Connection	None
Hose 1	Quick-test Hose, Brass ends, 6ft / 1.9m long
Weight	8.90 lbs / 4.04 kg
Dimensions	H: 11.8 in (29.97 cm) x W: 9.8 in (24.89 cm) x D: 7.7 in (19.56 cm)

Pressure Controller QTVC-EN

Country of origin	USA
Fine Adjustment Resolution	0.0005 psi / 3 Pa
Harmonized Code	9032.81.0060
Inlet Port	Male Quick-test
Materials	ABS Plastic, Anodized Aluminum, Powder Coated Steel, Stainless Steel, Zippered Nylon
Max Operating Temperature	130 °F / 54 °C
Max Pressure	3000 PSI / 200 bar / 20 MPa
Max Vacuum	10 InHg / 33.9 kPa
Media Compatibility	Air, Inert Gas, Natural Gas
Min Operating Temperature	0 °F / -18 °C
Outlet Port	Male Quick-test with cap and chain
Seal Materials	Buna-N, Delrin, Teflon
Weight	8.71 lbs / 3.95 kg
Dimensions	H: 11.8 in (29.97 cm) x W: 9.8 in (24.89 cm) x D: 7.7 in (19.56 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

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Pressure Reference LC20-GR2M-00-B1

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)

Bag SM-0084

Materials	Zippered Nylon
Country of origin	USA
Weight	3 oz / 85 grams
Dimensions	H: 6.5 in (16.51 cm) x W: 6.5 in (16.51 cm) x D: 0.5 in (1.27 cm)

Gauge Carrying Case LC-CASE

Country of origin	USA
Ingress Protection	IP67 (1 meter water submersion for 30 minutes), MIL-STD-810F
Materials	ABS Plastic, Polyethylene foam
Impact Resistance	MIL-STD-3010C

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Gauge Carrying Case LC-CASE

Weight	1.31 lbs / 595 grams
Dimensions	H: 9.5 in (24.13 cm) x W: 5.8 in (14.73 cm) x D: 2.8 in (7.11 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)

Hose 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
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 QTQT-HOS-3ft

Weight	2.68 oz / 76 grams

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)