

Part No.

QTVC-EN-KIT4-GP

ControlPak Pressure Controller, 1000 psi LC20 pressure gauge, 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-GP

Included Items

- Pressure Controller - ControlPak Manual Pressure Controller (QTVC-EN)
- Pressure Reference - LC20 pressure gauge, 1000 psi / 7 MPa, 1/4" Male NPT bottom connection (LC20-GP2M-00-00)
- Reference Connection - 1/4" female NPT x female Quick-test, no check-valve, brass (QTHA-2FBA)
- 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)
- Process Connection - 1/4" male NPT x male Quick-test, no check-valve, brass (QTHA-2MB0)
- Process Connection - 1/4" male NPT x male Quick-test, no check-valve, brass (QTHA-2MB0)
- Bag - Zippered bag to hold hose and adapters, nylon (SM-0084)
- Gauge Carrying Case - LC10 or LC20 Pressure Gauge Case (LC-CASE)

Specs/Attributes

Media Compatibility	Air, Inert Gas
Inlet Port	Male Quick-test
Outlet Port	Male Quick-test
Max Pressure	3000 PSI / 200 bar / 20 MPa
Max Vacuum	10 InHg / 33.9 kPa
Materials	ABS Plastic, Anodized Aluminum, Brass, Plated Steel, Stainless Steel
Seal Materials	Buna-N, Delrin, Teflon
Min Operating Temperature	0 °F / -18 °C
Max Operating Temperature	130 °F / 54 °C
Hose 1	Quick-test Hose, Brass ends, 6ft / 1.9m long
Hose 2	Quick-test Hose, Brass ends, 3ft / 0.9m long

Specs/Attributes

Pressure Reference	None
Process Connection	None
Reference Connection	None
Country of origin	USA
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	0.00 PSI / 0.00 mbar / 0.00 kPa
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
Pressure Media	Nitrogen, inert gas
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-GP2M-00-00

Accuracy - Pressure Measurement	+/- 0.1% of Full Scale (ASME B40.100 Grade 4A/ISO Class 0.1)
Battery Count	2
Battery Life	1000 Hours
Battery Type	AA Alkaline (IEC-LR6)
Burst Pressure	4000 PSI / 275 bar / 28 MPa
Calibration Certificate	NIST traceable (included)
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
Country of origin	USA
Datalogging	PC based (via USB)
Electrical Rating	50 mA @ 5 VDC
Engineering Units	atm, bar, cmH2O @4°C, inH2O @39°C, kPa, MPa, mbar, psi, inHg @39°F, kgf / cm ² , mmHg @0°C, Torr, mmH2O @4°C, ftH2O @39°F, cmHg @ 0°C, oz / in ²

Pressure Reference LC20-GP2M-00-00

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
Max Pressure	1000 PSI / 70 bar / 7.00 MPa
Max Storage Temperature	165 °F / 75 °C
Measurement Type	Gauge Pressure
Media Compatibility	Inert Gas, Natural Gas, Petroleum Based Oil, Water, Air, Alcohol, Antifreeze, Ethylene Glycol, Hydraulic Oil, Mineral Oil, Skydrol, Windshield washer fluid, Transmission fluid, Light motor oil, Ralston Calibration Oil
Min Operating Temperature	-4 °F / -20 °C
Min Storage Temperature	-40 °F / -40 °C
Panel Mount	No
Primary Power	Battery Power
Process Connection	1/4" Male NPT (ASME B1.20.1)
Process Connection Location	Bottom mount
Protection Class	Pollution Degree 2 (UL / IEC 61010-1)
Sensor Type	Pressure Sensor
Temperature Compensation	None
USB Connection	USB (Micro B)
W1 Radio Installed	No
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-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

Reference Connection QTHA-2FBA

Connector End 1	1/4" Female NPT (ASME B1.20.1)
Connector End 2	Female Quick-test
Dimensions	H: 1.52 in (3.86 cm) x W: 0.75 in (1.91 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

Process Connection 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
Dimensions	H: 1.29 in (3.28 cm) x W: 0.56 in (1.42 cm)

Bag SM-0084

Materials	Zippered Nylon
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Bag SM-0084

Country of origin	USA
Weight	3 oz / 85 grams
Dimensions	H: 6 in (15.24 cm) x W: 1 in (2.54 cm) x D: 7 in (17.78 cm)

Gauge Carrying Case LC-CASE

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