

Part No.

DCAP-PV-KIT2-VL

*DCAP-PV pressure and vacuum hand pump, -15 to 300 psi
LC20 digital gauge, 3ft hose, zippered bag, carrying case*

DCAP-PV pressure and vacuum hand pump,
-15 to 300 psi LC20 digital gauge, 3ft hose,
zippered bag, carrying case



DCAP-PV-KIT2-VL

Included Items

- Hand Pump - DCAP-PV Pneumatic / Vacuum Hand Pump (DCAP-PV)
- Reference - LC20 pressure gauge, -15 to 300 psi / -100 kPa to 2 MPa, 1/4" Male NPT bottom connection (LC20-VL2M-00-00)
- Process Connection - 1/4" male NPT x male Quick-test, no check-valve, S.S. (QTHA-2MS0)
- Reference Connection - 1/4" female NPT x female Quick-test, no check-valve, S.S. (QTHA-2FSA)
- Hose - Quick-test 6900 psi hose, S.S. hose ends, 3 ft (92 cm) long (QSQS-HOS-3ft)
- Bag - Zippered bag to hold hose and adapters, nylon (SM-0084)
- Case - DCAP or DCAP-PV carrying case (DCAP-CASE)

Specs/Attributes

Max Vacuum	-28.50 InHg / -96.5 kPa
Country of origin	USA
Weight	1.75 lbs / 795 grams
Dimensions	H: 3.53 in (8.97 cm) x W: 6 in (15.24 cm) x D: 15 in (38.1 cm)

Hand Pump DCAP-PV

Max Vacuum	-28.50 InHg / -96.5 kPa
Piston Displacement	.67 Cu In
Burst Pressure	2600 PSI / 180 bar / 18 MPa

Hand Pump DCAP-PV

Fine Adjustment Resolution	0.001 psi / 7 Pa
Media Compatibility	Air, Inert Gas, Natural Gas
Fluid Media	Air
Materials	Anodized Aluminum, Brass, Stainless Steel
Max Pressure	650 PSI / 45 bar / 4.50 MPa
Max Operating Temperature	140 °F / 60 °C
Min Operating Temperature	0 °F / -18 °C
Seal Materials	Buna-N, Delrin
Outlet Port	Male Quick-test, Male Quick-test with cap and chain
Country of origin	USA
Harmonized Code	8414.20.0000
Weight	2.05 lbs / 930 grams
Dimensions	H: 5 in (12.7 cm) x W: 3 in (7.62 cm) x D: 10.5 in (26.67 cm)

Reference LC20-VL2M-00-00

Battery Count	2
Battery Life	1000 Hours
Battery Type	AA Alkaline (IEC-LR6)
Bluetooth Radio Installed	No
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
Country of origin	USA
Data Logging	PC based (via USB)
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

Reference LC20-VL2M-00-00

Protection Class	Pollution Degree 2 (UL / IEC 61010-1)
Temperature Compensation	None
USB Connection	USB (Micro B)
W1 Radio Installed	No
Wetted Materials	316 Stainless Steel
Wireless	None
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)

Process Connection QTHA-2MS0

Country of origin	USA
Has Check Valve	No
Materials	Stainless Steel
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	1.01 oz / 29 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-2FSA

Country of origin	USA
Has Check Valve	No
Materials	Stainless Steel
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

Reference Connection QTHA-2FSA

Weight	1.81 oz / 51 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)

Hose QSQS-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	Stainless Steel
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	2.48 oz / 70 grams

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)

Case DCAP-CASE

Impact Resistance	MIL-STD-3010C
Ingress Protection	IP67 (1 meter water submersion for 30 minutes), MIL-STD-810F
Materials	ABS Plastic, Polyethylene foam
Country of origin	USA
Weight	6.00 lbs / 2.72 kg
Dimensions	H: 14.9 in (37.85 cm) x W: 12.1 in (30.73 cm) x D: 6.9 in (17.53 cm)