

Part No.

DV0V-KIT2-GA

DV0V vacuum pump, -30 inHg/100kPa kPa digital gauge, case, 3ft hose, 1/4" MNPT adapter, zippered bag

Calibration kit with pump and digital pressure gauge



DV0V-KIT2-GA

Included Items

- Hand Pump - DV0V Vacuum Pump (DV0V)
- Vacuum Reference - LC10 Vacuum gauge, 30Hg / 780 mmHg, 1/4" Male NPT bottom connection (LC10-GA2M)
- Reference Connection - 1/4" female NPT x female Quick-test, no check-valve, brass (QTHA-2FBA)
- Process Connection - 1/4" male NPT x male Quick-test, no check-valve, brass (QTHA-2MB0)
- Hose - Quick-test 6900 psi hose, brass hose ends, 3 ft (92 cm) long (QTQT-HOS-3ft)
- Case - DP0V, DV0V or DPPV Case (DP0V-CASE)
- Bag - Zippered bag to hold hose and adapters, nylon (SM-0084)

Hand Pump DV0V

Max Vacuum	23 InHg / 77.9 kPa
Min Operating Temperature	0 °F / -18 °C
Max Operating Temperature	130 °F / 54 °C
Pressure Media	Air
Fine Adjustment Resolution	0.01 PSI / 0.07 mbar / 0.00 kPa
Harmonized Code	8414.10.0000
Outlet Port	Male Quick-test, Male Quick-test with cap and chain
Country of origin	USA
Materials	Anodized Aluminum, Brass, Stainless Steel
Media Compatibility	Air, Inert Gas, Natural Gas

Hand Pump DV0V

Seal Materials	Buna-N, Delrin
Weight	1.60 lbs / 725 grams
Dimensions	H: 2.9 in (7.37 cm) x W: 8 in (20.32 cm) x D: 3.4 in (8.64 cm)

Vacuum Reference LC10-GA2M

Accuracy - Pressure Measurement	+/- 0.25% of Full Scale (ASME B40.100 Grade 3A/ISO Class 0.25)
Battery Count	2
Battery Life	1500 Hours
Battery Type	AA Alkaline (IEC-LR6)
Burst Pressure	20 PSI / 1.4 bar / 140 kPa
Calibration Certificate	Not included
Certifications	Certified to CSA Standard C22.2 No. 61010-1, Conforms to UL / IEC / EN / AS Standard 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, mbar, psi, inHg @39°F, kgf / cm^2, mmHg @0°C, Torr, ftH2O @39°F, cmHg @ 0°C, oz / in^2
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 Storage Temperature	165 °F / 75 °C
Max Vacuum	30 InHg / 101.6 kPa
Measurement Type	Gauge Vacuum
Media Compatibility	Air, Alcohol, Antifreeze, Ethylene Glycol, Hydraulic Oil, Inert Gas, Mineral Oil, Natural Gas, Petroleum Based Oil, Skydrol, Windshield washer fluid, Transmission fluid, Light motor oil, Ralston Calibration Oil, Water
Min Operating Temperature	-4 °F / -20 °C
Min Storage Temperature	-40 °F / -40 °C
Operating Altitude (max)	10,000 ft (3050 m)
Panel Mount	No
Primary Power	Battery Power
Process Connection	1/4" Male NPT
Process Connection Location	Bottom mount
Protection Class	Pollution Degree 2 (UL / IEC 61010-1)

Vacuum Reference LC10-GA2M

Relative Humidity	0% to 90% (-10 to 35°C) , 0% to 70% (35 to 50°C)
Sensor Type	High Precision MEMS, Pressure Sensor
Temperature Compensation	None
USB Connection	USB (Micro B)
Wetted Materials	316 Stainless Steel
Wrench Size	7/8 In 23 mm
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
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)

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)

Hose QTQT-HOS-3ft

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

Case DPOV-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	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)

Bag SM-0084

Materials	Zippered Nylon
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)