

Part No.

HPGV-3KPSIG-D

HPGV (3000 psi / bar) Hydraulic pump, 3000 psi digital gauge, 3ft hose, 1/4" MNPT process connection

Pressure source and gauge in one hand.
Directly connect to a process connection and calibrate using your precision gauge.



HPGV-3KPSIG-D

Included Items

- Hand Pump - HPGV 3000 psi Hydraulic Hand Pump (HPGV)
- Pressure Gauge - LC10 pressure gauge, 3000 psi / 200 bar / 20 MPa, 1/4" Male NPT bottom connection (LC10-GR2M)
- Hose - Quick-test 6900 psi hose, brass hose ends, 3 ft (92 cm) long (QTQT-HOS-3ft)
- Gauge Connection - 1/4" Female NPT swivel, brass (SWIV-2FBW)
- Process Connection - 1/4" male NPT x male Quick-test, no check-valve, brass (QTHA-2MB0)

Specs/Attributes

Country of origin	USA
Hose 1	Quick-test Hose, Brass ends, 3ft / 0.9m long
Pressure Reference	Digital pressure gauge, 3000 PSIG Pressure
Process Connection	1/4" Male NPT
Reference Connection	1/4" Female NPT
Max Pressure	3000 PSI / 200 bar / 20 MPa
Materials	Anodized Aluminum, Brass, Plated Steel, Stainless Steel
Seal Materials	Buna-N, Delrin, Synthetic Cork, Teflon
Min Operating Temperature	0 °F / -18 °C
Max Operating Temperature	130 °F / 54 °C
Weight	2.91 lbs / 1.32 kg
Dimensions	H: 9.88 in (25.1 cm) x W: 4.75 in (12.07 cm) x D: 4.75 in (12.07 cm)

Hand Pump HPGV

Max Pressure	3000 PSI / 200 bar / 20 MPa
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Hand Pump HPGV

Min Operating Temperature	0 °F / -18 °C
Max Operating Temperature	130 °F / 54 °C
Fine Adjustment Resolution	0.01 PSI / 0.07 mbar / 0.00 kPa
Country of origin	USA
Materials	Brass, Plated Steel, Polycarbonate, Powder Coated Steel, Stainless Steel
Media Compatibility	Petroleum Based Oil, Water
Outlet Port	Male Quick-test with check-valve
Seal Materials	Buna-N, Synthetic Cork, Teflon
Weight	2.60 lbs / 1.18 kg
Dimensions	H: 4.3 in (10.92 cm) x W: 5.5 in (13.97 cm) x D: 10 in (25.4 cm)

Pressure Gauge LC10-GR2M

Battery Count	2
Battery Life	1500 Hours
Battery Type	AA Alkaline (IEC-LR6)
Burst Pressure	12000 PSI / 825 bar / 83 MPa
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, inH2O @39°C, kPa, MPa, psi, inHg @39°F, kgf / cm ² , 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 Pressure	3000 PSI / 200 bar / 20 MPa
Max Storage Temperature	165 °F / 75 °C
Measurement Type	Gauge Pressure
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

Pressure Gauge LC10-GR2M

Min Storage Temperature	-40 °F / -40 °C
Operating Altitude (max)	10,000 ft (3050 m)
Panel Mount	No
Pressure Measurement Uncertainty	+/- 0.25% of Full Scale (ASME B40.100 Grade 3A/ISO Class 0.25)
Primary Power	Battery Power
Process Connection	1/4" Male NPT
Process Connection Location	Bottom mount
Protection Class	Pollution Degree 2 (UL / IEC 61010-1)
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)

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
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	0.00 InHg / 0.0 kPa
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

Gauge Connection SWIV-2FBW

Country of origin	USA
Has Check Valve	No

Gauge Connection SWIV-2FBW

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	3/4 In 19 mm
Dimensions	H: 1.89 in (4.8 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
Dimensions	H: 1.29 in (3.28 cm) x W: 0.56 in (1.42 cm)