

Part No.

HPGV-1KPSIG-D

HPGV (3000 psi / bar) Hydraulic pump, 1000 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-1KPSIG-D

Included Items

- Hand Pump - HPGV 3000 psi Hydraulic Hand Pump (HPGV)
- Pressure Gauge - LC10 pressure gauge, 1000 psi / 70 bar / 7 MPa, 1/4" Male NPT bottom connection (LC10-GP2M)
- 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)
- Gauge Connection - 1/4" Female NPT swivel, brass (SWIV-2FBW)

Specs/Attributes

Country of origin	USA
Hose 1	Quick-test Hose, Brass ends, 3ft / 0.9m long
Pressure Reference	Digital pressure gauge, 1000 PSIG Pressure
Process Connection	1/4" Male NPT
Reference Connection	1/4" Female NPT
Max Pressure	3000 PSI / 205 bar / 21 MPa
Materials	Anodized Aluminum, Brass, Plated Steel, Stainless Steel
Seal Materials	Teflon
Min Temperature	0 °F / -18 °C
Max Temperature	130 °F / 54 °C
Weight	46.56 oz / 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 / 205 bar / 21 MPa
Min Temperature	0 °F / -18 °C

Hand Pump HPGV

Max Temperature	130 °F / 54 °C
Fine Adjustment Resolution	0 PSI / 0 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	41.6 oz / 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-GP2M

Battery Count	2
Battery Life	1500 Hours
Battery Type	AA Alkaline (LR6)
Burst Pressure	4000 PSI / 275 bar / 28 MPa
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
Electrical Rating	50 mA @ 5 VDC
Engineering Units	atm, bar, cmH ₂ O @4°C, inH ₂ O @39°C, kPa, MPa, mbar, psi, inHg @39°F, kgf / cm ² , mmHg @0°C, Torr, ftH ₂ O @39°F, cmHg @ 0°C, oz / sqin
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 Pressure	1000 PSI / 69 bar / 6.90 MPa
Max Storage Temperature	165 °F / 75 °C
Max Temperature	120 °F / 50 °C
Measurement Type	Gauge Pressure
Media Compatibility	Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water
Min Storage Temperature	-40 °F / -40 °C
Min Temperature	-4 °F / -20 °C
Operating Altitude (max)	10,000 ft (3050 m)
Pressure Measurement Uncertainty	+/- 0.25% of Full Scale (ASME Grade 3A/ISO Class 0.25)
Process Connection	1/4" Male NPT
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)
USB Connection	USB (Micro B)
Wetted Materials	316 Stainless Steel

Pressure Gauge LC10-GP2M

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)

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 Pressure	6900 PSI / 475 bar / 48 MPa
Max Temperature	140 °F / 60 °C
Max Vacuum	0.00 In Hg / 0.00 mm Hg
Min 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

Country of origin	USA
Has Check Valve	No
Materials	Brass
Max Pressure	5000 PSI / 345 bar / 35 MPa
Max Temperature	225 °F / 105 °C
Max Vacuum	0.00 In Hg / 0.00 mm Hg
Min 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)

Gauge Connection SWIV-2FBW

Country of origin	USA
Has Check Valve	No
Materials	Brass
Max Pressure	5000 PSI / 345 bar / 35 MPa
Max Temperature	225 °F / 105 °C
Max Vacuum	0.00 In Hg / 0.00 mm Hg
Min Temperature	0 °F / -18 °C

Gauge Connection SWIV-2FBW

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)