


Part No.

 APGV-100PSIG-D

# APGV-100PSIG-D

APGV (300 psi / 20 bar) pump, 100 psi digital gauge, 3ft hose, 1/4" MNPT process conn.

Calibrate pressure instrumentation to 300 psi with air using the included pressure gauge.

## Included Items

- Hand Pump - APGV Pneumatic Pump (APGV)
- Gauge - 0-100 psig Digital Pressure Gauge ( $\pm 0.25\%$  full scale accuracy) (GAUD-0100)
- 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)
- Gauge Swivel - 1/4" Female NPT swivel, brass (SWIV-2FBW)

## Specs/Attributes

Country of origin	USA
Pressure Reference	Digital pressure gauge, 100 PSIG Pressure
Process Connection	1/4" Male NPT
Reference Connection	1/4" Female NPT
Max Pressure	300 PSI / 20 bar / 2.00 MPa
Materials	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
Weight	2.00 lbs / 905 grams
Dimensions	H: 9.38 in (23.83 cm) x W: 3.66 in (9.3 cm) x D: 4.91 in (12.47 cm)

## Hand Pump APGV

Max Pressure	300 PSI / 20 bar / 2.00 MPa
Max Vacuum	0.00 InHg / 0.0 kPa
Min Operating Temperature	0 °F / -18 °C
Max Operating Temperature	130 °F / 54 °C
Fine Adjustment Resolution	0.01 psi / 70 Pa
Materials	Anodized Aluminum, Brass, Plated Steel, Stainless Steel
Media Compatibility	Air, Inert Gas, Natural Gas

## Hand Pump APGV

Outlet Port	Male Quick-test
Seal Materials	Buna-N, Delrin
Country of origin	USA
Weight	1.60 lbs / 725 grams
Dimensions	H: 3 in (7.62 cm) x W: 4.8 in (12.19 cm) x D: 9.3 in (23.62 cm)

## Gauge GAUD-0100

Max Pressure	100 PSI / 7 bar / 700 kPa
Max Vacuum	0.00 InHg / 0.0 kPa
Min Operating Temperature	-4 °F / -20 °C
Max Operating Temperature	185 °F / 85 °C
Materials	ABS Plastic, Aluminum, Stainless Steel
Process Connection	1/4" male NPT bottom connection
Accuracy	±0.25% of Full Scale ±1 least significant digit
Pressure Units	PSIG
Dial Size	2.88 In / 74 mm
Battery Type	AA
Battery Count	2
Battery Life	2500 Hours
Country of origin	USA

## 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
Weight	1.09 oz / 31 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)

### 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
Weight	2.68 oz / 76 grams

### Gauge Swivel SWIV-2FBW

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
Min Operating Temperature	0 °F / -18 °C
Seal Materials	Buna-N
Wrench Size	3/4 In 19 mm
Connector End 1	1/4" Female NPT (ASME B1.20.1)
Connector End 2	Male Gauge Swivel
Weight	1.97 oz / 56 grams
Dimensions	H: 1.89 in (4.8 cm) x W: 0.85 in (2.16 cm) x D: 0.85 in (2.16 cm)