

Pneumatic Hand Pumps with Gauge Connection (scissor handle) APGV (300 psi / 20 bar)

Quick and efficient pneumatic field testing of pressure transmitters, gauges or switches is aided by an integral gauge adapter which allows the user to quickly attach a precision test gauge to the pump.

Features:

- Portable, hand operated pump easily generates 300 psi (20 bar) without electricity or compressed air
- Light, compact pump can be easily transported to remote locations
- Fine adjustment piston allows the user to achieve an exact pressure for cardinal point pressure calibrations
- Precisely vent pressure with soft seated bleed valve
- Quick-disconnect gauge adapter allows changing test gauges without using a wrench
- Low volume Quick-test hose, gauge adapter and process connection can be attached to pump without thread sealant or a wrench
- Rugged, all metal construction improves temperature and pressure stability
- Made in U.S.A.



Specifications		
Pump connection type	National Pipe Thread (NPT)	British Parallel Thread (BSPP)*
Maximum pressure	300 psi (20 bar)	300 psi (20 bar)
Style	Scissor handle	Scissor handle
Pressure media	Air	Air
Fine adjust resolution	± 0.01 psi (0.7 mbar)	± 0.01 psi (0.7 mbar)
Reference connection (brass)	1/4" female NPT swivel (SWIV-2FBW)	1/2" female BSPP swivel (SWIV-4GBW)
Outlet port (brass)	Male Quick-test (QTHA-3SB0)	Male Quick-test (QTHA-3SB0)
Calibration hose (brass ends)	3 ft (92 cm) long (QTQT-HOS-3')	1 m (3.3 ft) long (QTQT-HOS-1m)
Process connection (brass)	1/4" male NPT (QTHA-2MB0)	1/4" female BSPP (QTHA-2FB0-RG)
Construction	Aluminum, brass, plated steel	Aluminum, brass, plated steel
Seal material	Buna-N, Teflon™, Delrin™	Buna-N, Teflon™, Delrin™
Weight	1.6 lb (730 g)	1.6 lb (730 g)

Ordering Information	
APGV pump with brass NPT connections	
Model	Description
APGV-0000	APGV pump with hose, NPT gauge swivel and process connection
APGV pump with brass BSPP connections*	
Model	Description
APGV-4GBW	APGV pump with hose, BSPP gauge swivel and process connection

* Not for sale in North American market
For accessories, repair kits and hoses see page 17. For a complete list of accessories and parts see product manual or detailed specification sheet.
For a list of the most commonly used gauge and process connections see page 18. For a complete list refer to Ralston Instruments *Pressure Connection* catalog. Contact your Ralston Instruments dealer or the factory for information on reference gauges and pressure calibration kits.