

PROTOCOL STATIONS

Series 917

DESCRIPTION

The 917 protocol station is designed to provide a convenient way to mount virtually any pressure regulator that has a CGA connection or 1/4" NPT female inlet. The wall mounting of a regulator makes changing cylinders safer and hassle-free, while protecting the regulator from damage during the changing process because the operator handles only the flexible pigtail.

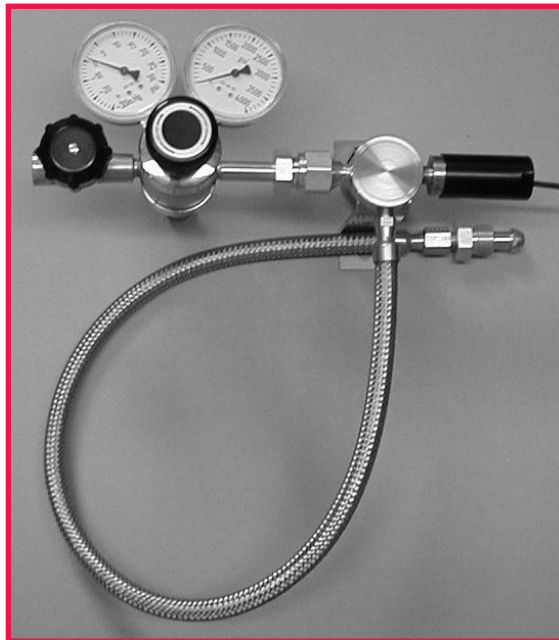
The 917 series is available in brass or 316 stainless steel in both single cylinder and double cylinder configurations. Pressure regulators are connected to the system with regular CGA cylinder connections rather than be rigidly mounted; this mounting system provides the virtual universality of the 917 and makes changing a

regulator easy should it need to be replaced for any reason. A pressure switch alarm option is available to alert users that the cylinder in use is approaching empty. When check valves are selected they are integral with the CGA connection to the cylinder. All models are rated for 3000 psig operating pressure.

The 917H protocol station is designed for use with helium and hydrogen and mixtures containing them. This model maintains the economy of the brass unit, but replaces the Teflon-lined pigtail with an all stainless steel pigtail to eliminate the diffusion of these small molecule gases through the Teflon lining.

MATERIALS OF CONSTRUCTION

	917B	917H	917S
Bracket:	stainless steel	stainless steel	stainless steel
Manifold block:	brass	brass	stainless steel
Flexible hose:	Teflon-lined w/SS braid	All stainless steel	All stainless steel
CGA connections:	brass	brass	stainless steel
Check valves:	brass with buna-N seals	brass with buna-N seals	SS with Viton seals
Valves:	brass diaphragm type	brass diaphragm type	SS diaphragm type



Regulator is not included and should be ordered separately.
Pressure switch is optional.

PROTOCOL STATIONS *CONTINUED*

Series 917

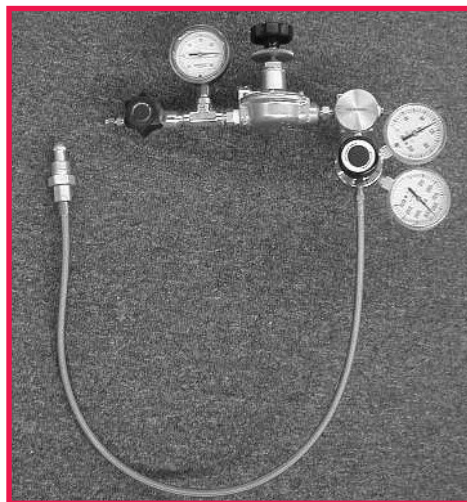
HOW TO ORDER

Model*	Description
917B-2-CGA	protocol station w/brass fittings and 2' pigtail
917B-3-CGA	protocol station w/brass fittings and 3' pigtail
917B-2-CV-CGA	protocol station w/brass fittings, 2' pigtail w/check valve
917B-3-CV-CGA	protocol station w/brass fittings, 3' pigtail w/check valve
917BV-2-CGA	protocol station w/brass fittings, isolation valve, and 2' pigtail
917BV-3-CGA	protocol station w/brass fittings, isolation valve, and 3' pigtail
917BV-2-CV-CGA	protocol station w/brass fittings, isolation valve, and 2' pigtail w/ check valve
917BV-3-CV-CGA	protocol station w/brass fittings, isolation valve, and 3' pigtail w/ check valve
917H-2-CGA	protocol station w/brass fittings and 2' stainless steel pigtail
917H-3-CGA	protocol station w/brass fittings and 3' stainless steel pigtail
917H-2-CV-CGA	protocol station w/brass fittings, 2' stainless steel pigtail w/check valve
917H-3-CV-CGA	protocol station w/brass fittings, 3' stainless steel pigtail w/check valve
917HV-2-CGA	protocol station w/brass fittings, isolation valve, and 2' stainless steel pigtail
917HV-3-CGA	protocol station w/brass fittings, isolation valve, and 3' stainless steel pigtail
917HV-2-CV-CGA	protocol station w/brass fittings, isolation valve, and 2' stainless steel pigtail w/ check valve
917HV-3-CV-CGA	protocol station w/brass fittings, isolation valve, and 3' stainless steel pigtail w/ check valve
917S-2-CGA	protocol station w/stainless steel fittings and 2' pigtail
917S-3-CGA	protocol station w/stainless steel fittings and 3' pigtail
917S-2-CV-CGA	protocol station w/stainless steel fittings, 2' pigtail w/check valve
917S-3-CV-CGA	protocol station w/stainless steel fittings, 3' pigtail w/check valve
917SV-2-CGA	protocol station w/stainless steel fittings, isolation valve, and 2' pigtail
917SV-3-CGA	protocol station w/stainless steel fittings, isolation valve, and 3' pigtail
917SV-2-CV-CGA	protocol station w/stainless steel fittings, isolation valve, and 2' pigtail w/ check valve
917SV-3-CV-CGA	protocol station w/stainless steel fittings, isolation valve, and 3' pigtail w/ check valve

*Specify CGA connection when ordering. For dual cylinder units, add prefix "D" to the model number, i.e. D917S-2-CV-660.

Options

P/N 4610-P4FF	brass tee purge assembly
P/N 4620-P4FF	stainless steel tee purge assembly
P/N 917B-XXX	brass pressure switch alarm assembly (XXX = desired alarm pressure setting)
P/N 917BEX-XXX	brass pressure switch alarm assembly for flammable gases (XXX = desired alarm pressure setting)
P/N 917S-XXX	pressure switch alarm assembly (XXX = desired alarm pressure setting)
P/N 917SEX-XXX	pressure switch alarm assembly for flammable gases (XXX = desired alarm pressure setting)
P/N 912-AVA	audio visual alarm module



SP22346 demonstrates an interesting use of a 917 protocol station with the 3101HY2701.