



Gauge Options

Gauges are certainly not required, but often present a more professional look and provide valuable feedback for the customer. They aid in calibration and very much in troubleshooting.

A “complete gauge set” would consist of three (3) 0-160 psi gauges (back mounted) and one (1) 0-30 psi gauge (bottom mounted). The 0-160 gauges are for your supply port and two actuator connections- marked S, C+, C-. This would of course, be for a double acting actuator, or possibly if you are using “air assist” *with a single acting actuator. The gauge port on the top of the positioner is for use with the V100E and is the I/P output gauge, which is furnished, as a 0-30 psi- this gauge is bottom mounted for better visibility by the customer. Gauges are 1/8” NPT, 1 1/2” size-aluminum or stainless.

Therefore your gauge options are:

V100/V200P	Double actin/air assist	3	0-160 psi
V100/V200P	Single acting	2	0-160 psi
V100/V200P	Signal gauge- optional	1	0-30 psi
V100E/V200E	Double acting/air assist	3	0-160 psi
		1	0-30 psi
V100E/200E	Single acting	2	0-160 psi
		1	0-30 psi

***Air assist-** (optional) means connecting the supply air (through the C-port) to the spring side of a single acting actuator will sometimes stabilize the package, and help prevent from drawing unwanted air, water, or other undesirable material into the spring side of the actuator.

