SPECIALTY GAS

BULK & MICRO BULK DUAL REGULATOR MANIFOLD
AND HARRIS UNIVERSAL BASIC LASER START-UP KITS

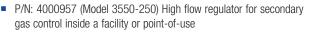


The Model 1030 is a high flow gas supply manifold intended to be attached downstream of a bulk gas system/vaporizer and which will regulate the pressure and flow of gas into facility pipelines. The manifold utilizes the Harris Model 3550-250 regulators with stainless steel diaphragms. Flow rates up to 10,000 scfh can be achieved at the nominal inlet pressure of 350 psi. The system has a 450 psi maximum rated inlet pressure.

- Primary pressure control from bulk systems
- High flows up to 10,000 scfh at 350 psi inlet
- Quarter turn valves to indicate open and close
- Standard model delivers 0-250 psi (custom pressures available)
- Max inlet pressure of 450 psig
- Stainless steel diaphragms

- Multiple pressure relief valves for safety
- Designed to meet NPFA 99
- Dual regulator set-up for redundancy
- Rack to support the manifold system
- Ready to install out of the box with mounting station

RECOMMENDED ACCESSORIES





PART NO.	MODEL NO.	MAXIMUM INLET PRESSURE	MAXIMUM FLOW RATE (scfh)	GAS SERVICE	DELIVERY RANGE	INLET/OUTLET FITTING
4705300	1030 - 250 w/ Frame	450 PSI	10,000	N ₂ , O ₂ , Ar, CO ₂	40 - 250 PSI	1/2" NPT
4705200	1030 - 250 w/o Frame	450 PSI	10,000	N ₂ , O ₂ , Ar, CO ₂	40 - 250 PSI	1/2" NPT

Harris Universal Basic Laser Start-Up Kits provide the most common equipment necessary for supplying resonator and assist gases to the laser. Basic kits contain high purity regulators for the resonator gases, high-flow dome-loaded regulators for nitrogen and oxygen assist gas. Laser grade hose is included for the resonator gas, as well as, two high-capacity hoses for the assist gas.

BASIC ASSIST GAS KITS

- ■Two high flow dome-loaded regulators for nitrogen and oxygen
- ■Two heavy duty ½" I.D. x 50 ft hoses
- Commonly used fittings for easy hook-up (Some laser models may require additional fittings sold separately.)

BASIC RESONATOR GAS KITS

- High-purity two-stage regulator for each resonator gas
- System includes block and bleed purges to protect laser optics
- ■100 ft. of laser grade tubing for high purity laser gases
- Commonly used fittings for fast and easy installation (Some laser models may require additional fittings sold seprately.)

PART NO.	DESCRIPTION
4703519	Harris basic laser start-up kit, 3-gas universal
4703522	Harris basic laser start-up kit, premix gas universal
4703521	Universal basic assistgas start-up kit



