

Airgas Laser Start-Up Kits

Description: Airgas Laser Start-Up Kits provide the essential equipment for supplying resonator and assist gases from source to point-of-use. All kits contain switchover systems for the resonator gases, high-flow dome-loaded regulators for the assist gases and cylinder process stations. Kits also include purges and “T” filters to protect laser optics.

Design Features

ASSIST GAS KITS

- Two high-flow dome-loaded regulators for nitrogen and oxygen
- Two heavy duty ½" I.D. x 50 ft hoses
- 90 micron “T” filters to protect laser internal components
- Commonly used fittings for easy hook-up
(Some laser models may require additional fittings sold separately.)

RESONATOR GAS KITS

- High-purity automatic switchovers with purges for each resonator gas
- 100 ft. of laser grade tubing for high-purity laser gases
- 2 micron “T” filter to protect laser optics
- Cylinder process station for switchover mounting and securing high pressure cylinders safety
(Some laser models may require additional fittings sold separately.)



* Kit shown is for premix gases. Three gas models will have switchover manifolds for nitrogen, helium and carbon dioxide

Ordering Information

Product Number	Description
Y40-4703500	Bystronic laser start-up kit, 3-gas*
Y40-4703501	Trumpf laser start-up kit, 3-gas*
Y40-4703502	Mazak resonator and assist gas kit
Y40-4703503	Universal assist gas kit
Y40-4703504	Universal premix start-up kit for Amada, Cincinnati, Fanuc, & Rofin
Y40-4703505	Universal 3-gas start-up kit for Esab and PRC*
Y40-4703506	Trumpf assist gas Nitrogen only kit

*Pictured Rack included.



Y99-G600P

Airgas Laser Start-Up Kits Cont.

Ordering Information		
Kit Part Number and Description	Items supplied in kit	Quantity of Item (ea) per Kit
Y40-4703500 Bystronic Resonator Equipment Package	Six Cylinder Rack with Process Station	1
	N2/He Automatic Switchover w/Purges	2
	CO2 Automatic Switchover w/Purges	1
	Airgas SIP filter	1
	Tubing, 8mm x 100'	1
	Tube Fitting, 8 mm x 1/4 MNPT	1
Y40-4703501 Trumpf Resonator Equipment Package	Six Cylinder Rack with Process Station	1
	N2/He Automatic Switchover w/Purges	2
	CO2 Automatic Switchover w/Purges	1
	Airgas SIP filter	1
Y40-4703502 Mazak Resonator and Assist Gas Package	Tubing, 8mm x 100'	1
	Tube Fitting, 8 mm x 1/4 MNPT	6
	High Purity Brass 0-125 psi delivery two stage regulator with CGA 580 w/block and bleed purge	1
	Airgas SIP filter	1
	Tube Fitting, 8 mm x 1/4 MNPT	2
	Tubing, 8mm x 100'	1
Y40-4703503 Universal Assist Gas Equipment Package	Dome Loaded Regulator 0-250 psi w/CGA 540	1
	Dome Loaded Regulator 0-500 psi w/CGA 580	1
	1/2" MNPT 90 Micron T-Filter	2
	50' Hose, 1/2" ID, 2000 psi, 1/2" flare fitting x 1/2" npt fittings	2
	1/2" NPT elbow	2
	1/2" male An x 3/8 BSPP	2
	1/2" 37 degree flare x 1/2" FNPT fitting	2
	1/2" FNPT x 3/8" NPT elbow	4
	Dome Loaded Regulator 0-250 psi w/CGA 540	1
	Dome Loaded Regulator 0-500 psi w/CGA 580	1
Y40-4703504 Universal Premix Start-up Kit suitable for Amada, Cincinnati, Fanuc, Rofin	1/2" MNPT 90 Micron T-Filter	2
	50' Hose, 1/2" ID, 2000 psi, 1/2" flare fitting x 1/2" NPT fittings	2
	1/2" NPT elbow	2
	1/2" male An x 3/8 BSPP	2
Y40-4703505 Universal Three Gas Resonator Start-up Kit suitable for Esab, PRC	1/2" 37 degree flare x 1/2" FNPT fitting	4
	Two Cylinder Rack with Process Station	1
	N2/He Automatic Switchover w/Purges	1
	Airgas SIP filter	1
Y40-4703506 Trumpf Assist Gas Nitrogen Only Kit	Tubing, 8mm x 100'	1
	Tube Fitting, 8 mm x 1/4 MNPT	2
	Six Cylinder Rack with Process Station	1
	N2/He Automatic Switchover w/Purges	2
	CO2 Automatic Switchover w/Purges	1
	Airgas SIP filter	1
Y40-4703506 Trumpf Assist Gas Nitrogen Only Kit	Tubing, 8mm x 100'	1
	Tube Fitting, 8 mm x 1/4 MNPT	6
	Dome Loaded Regulator 0-500 psi w/CGA 580	1
	1/2" MNPT 90 Micron T-Filter	1
	50' Hose, 1/2" ID, 2000 psi, 1/2" flare fitting x 1/2" NPT fittings	1
	1/2" NPT elbow	1
Y40-4703506 Trumpf Assist Gas Nitrogen Only Kit	1/2" male An x 3/8 BSPP	1
	1/2" 37 degree flare x 1/2" FNPT fitting	2