

For Argon Distribution System

S. No.	Item/Description	Quantity
(1)	1/4" Gas controller and purification system for argon with mounting brackets Including moisture and oxygen drying system. Moisture trap based on molecular sieves & blue silica gel. Oxygen trap based on commercially available catalyst 100cc that can be regenerated. (Each panel must contain one on/off valve, pressure gauge & pressure regulator to regulate the pressure with appropriate end fittings).	01
(2)	1/4" Online micron filters	01
(3)	Dual stage cylinder regulator, Spectron (Messer make) <i>(for argon)</i> Body: Brass (chromplated) Diaphragm: Stainless steel Diaphragm Seal: Teflon Inlet Pressure: 0 to 280 kg/cm ² Outlet Pressure: 0 to 16 kg/cm ² Gauges: Wika (Germany)	01
(4)	Dual stage cylinder manifold with mounting bracket <i>(for argon)</i> Material: Stainless steel 316 Needle Valve: As per IS3224	01
(5)	SS Braided <i>high pressure pigtail (for argon)</i>	02
(6)	1/4" NPT(M) X 10mm Nozzle	01
(7)	1/4" NPT(M) X 1/4" OD connector	01

Note: Please include necessary miscellaneous fittings and hardware set.