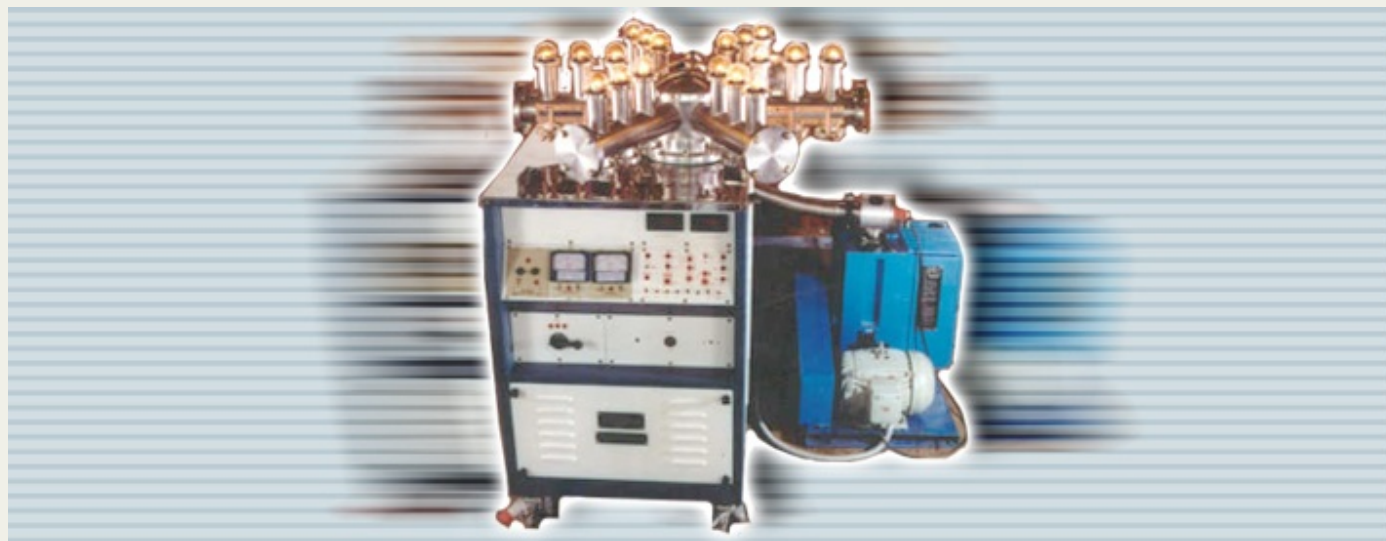


Internal Lamp Shell Aluminising Systems

MODELS: VS-6S



This Special purpose pumping system is designed as INTERNAL LAMP ALUMINISING SYSTEM, for Coating Aluminium on Special purpose lamp shells. The system comes with a high speed pumping system with automatic pumping, LT evaporation source with LT power Supply for aluminium coating. el VS-6S is an industrial system with interlock and safety devices to protect the charge and the equipment from mal functions.

HINDHIVAC offers manifolds of different sizes for aluminising 8 Nos of R-125 lamp shells, 12 Nos. of R-95 lamp shells and 18 Nos. of R-60 lamp shells.

Salient Features

- High speed vacuum pumping system.
- Seperate large roughing pump.
- Total automation for mass production.
- Reliable operation.
- Option of different aluminising manifolds.
- Safeties and interlocks provided for fool proof operation.

TECHNICAL SPECIFICATIONS

		Model
Parameters		VS-6S
1.	Rotary Vacuum Pump Type & Speed	CD-90, 1500 Lit/Min. (Roughing)
2.	Diffusion Pump Type & Speed	OD-150, 1000 Lit/Sec.
3.	Rotary Vacuum Pump Type & Speed	ED-21, 350 Lit/Min. (Backing for Diffusion Pump)
4.	High Vacuum Valve	QSV-6 P
5.	Roughing, Backing Valve	RPV-50, RPV-25
6.	LT Power Supply	600 amp, 5V.
7.	Vacuum Measurement	a. Pirani Gauge with sensor to read 0.5 M.bar to 10^{-3} m.bar b. Penning Gauge with sensor to read 10^{-3} m.bar to 10^{-6} m.bar.
8.	Ultimate Vacuum	$<1 \times 10^{-5}$ m.bar with empty, clean & degassed manifold
9.	Utilities Requirement	
	a. Electrical	415V AC, 50 Hz, 3 Phase, Power 15 KW.
	b. Water	3-4 Lt/min. Temp. of 20-25°C at inlet Pr. of 2-3 Kg/CM ²
	c. Pneumatic Supply	Compressed air at 4-5 Kg/CM ²

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