



ULTRA HIGH VACUUM PUMP

DIRECT DRIVEN BELTLESS PUMP

CE

TWO-STAGE VANE PUMP



OT-UVP-141

PIC SHOWN
VACUUM PUMP WITH ALL
OPTIONAL ACCESSORIES

To improve the backing pressure and displacement at low pressure two stages are connected in series.

ANTI-SUCKBACK SYSTEM

If the Power Supply fails on stops, an anti-suck back device. Prevents air or oil the pump to be drawn back into the chamber being evacuated and operated by Solenoid coil.

GAS BALLAST

The gas ballast allows a quantity of air to be injected into the second stage of the pump during compression to reduce the partial pressure to the pumped gas below its saturated Vapour pressure and thus prevent condensation.

The saturated vapour pressure of a gas is higher when it is hot and lower when it is cold.

When gas ballasting is in use, there will be increase in ultimate pressure of the pump as well as the temperature.

Model No.	Air Displacement Capacity
OT-UVP-141-A	100 Ltrs/Min
OT-UVP-141-B	150 Ltrs/Min
OT-UVP-141-C	350 Ltrs/Min

Power : 230V AC supply

Parameters	Units	OT-UVP-141
Pumping Speed/ Flow	LMP	150
	CFM	5.3
	m ³ /hr	9
Ultimate Vacuum	mbar/ Torr	5x10 ⁻¹ 3.7x10 ⁻¹
Motor Power Rating	HP/ KW	0.33 / 0.248
Rotational Speed	RPM	1440
Oil Capacity	lts	1.2

Optional :

1. Moisture Trap
2. Non Return Valve
3. Vacuum Gauge
4. Air Oil Mist Exhaust Filter