

Sr. No.	Description	Qty Nos.
01	<p><b><u>DUAL STAGE ROTARY VANE VACUUM PUMPS:</u></b></p> <p>Details as per attached Specification sheet</p> <p>Note: Chinese, Korean and Taiwan made is not acceptable</p>	04

## Specifications for Vacuum Pumps

Qty:- 04 Nos.

Type: Dual/Two stage rotary vane Vacuum Pump

Free air displacement: 14-15 cfm

Pumping speed: 12-13 cfm

Ultimate Partial Pressure:  $10^{-4}$  mbar

Ultimate total Pressure:  $2 \times 10^{-3}$  mbar (0.002 mbar)

Ultimate Partial Pressure with gas ballast:  $1 \times 10^{-2}$  mbar

Water vapor tolerance: 30 mbar

Water vapor capacity: 350 g/h

Oil capacity: 0.5-1 liter

Pump intrinsic protection: IP 55

Inlet flange: 25 KF DN

Exhaust flange: 25 KF DN

Oil level sight glass included

Gas ballast valve included

### Electric Motor:

Explosion proof class: EEx dII T4 IP 55

Motor rating: 3 Phase, 1800 rpm 50 Hz

Pump and motor mounted in a single assembly mounted on vibration dampening base plate

Minimum continuous working time > 5 hours

Make: Alcatel or Agilent only

### Accessories:

- Oil mist eliminator
- Oil mist replacement cartridges
- Minor Replacement Kit (3 kits / pump)
- Major replacement kit (2 kits / pump)
- Oil return kit
- Oil drain extension

Note: Chinese, Korean and Taiwan made is not acceptable