

Oil-Free Vacuum Pump

TOPLAB INDIA'S TL- V series vacuum pump is a piston-powered, oil-free pump. With innovative electronic, mechanical technology and human design concept make, compact and light weight, clean and maintenance free, safe and comfortable.



Features:

- **No air pollution, maintenance free**
TL- V series pumps are driven by Piston, without the need of lubricant, regular oil changes and maintenance; with no oil pollution.
- **Moisture trap with filter cartridge**
TL- V series pumps are equipped with filter cartridge in air inlet to filter particle and moisture to prolong the life of pump.
- **Vacuum regulator**
TL- V series pumps are equipped with vacuum regulator to adjust vacuum.
- **Thermal protection device**
Every motor of TL- V series pumps has a built-in thermal protection device to shut off the pump automatically when overheated and then resume working when the temperature cools down.
- **Ultimate vacuum down to 13 mbar**
- **Compact design and Maintenance-free**
- **Environmentally friendly, Very low noise and Low weight**
- **Handle for convenient transportation and Large range of accessories**
- **TL-300V DC includes a car plug adapter**

Technical Specifications:

Model	TL-300V	TL-400V	TL-600V	TL-410V	TL-610V	TL-300V DC
Power (W)	80 W	80 W	190 W	80 W	210 W	35 W
Current (A)	0.3 A	0.4 A	1 A	0.4 A	1 A	3 A
Ultimate Vacuum (mbar)	90 mbar	150 mbar	150 mbar	13 mbar	13 mbar	150 mbar
Max. Flow Rate(L/min)	17 L/min	34 L/min	52 L/min	19 L/min	33 L/min	24 L/min
Outlet (mm)	8 mm	10 mm	8 mm	8 mm	8 mm	8 mm
Motor Speed (rpm)	1450 rpm	1450 rpm	1450 rpm	1450 rpm	1800 rpm	1800 rpm
Weight (kg)	4.1 kg	5.2 kg	8.6 kg	4.1 kg	3.5 kg	3.5 kg
Noise Level (dB)	50 dB	60 dB	52 dB	50 dB	52 dB	50 Db
Power Input (AC/DC V)	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz

Application Areas:

- **Biology laboratories**
- **Microbiological detection**
- **Liquid filtration**
- **Suspended solids measurement**
- **Food industry**
- **Vacuum extraction**
- **Vacuum drying**
- **Pharmaceutical & Chemical Industry**