

DESCRIPTION

The **VP1** vacuum pump is designed for applications where sample fixing is needed. This vacuum pump is typically paired with one of Instec's precision heating and cooling wafer chucks. Simply hold samples, such as wafers, down onto the chuck with this dry vacuum pump.

KEY FEATURES

No Need for Oil

Many other pumps need their oil changed periodically, while other pumps are too weak and unreliable. The VP1 on the other hand uses a powerful, 0.75Mpa oilless diaphragm pump, which means it doesn't need regular maintenance.

Low Noise

The innovative lab vacuum pump runs only at 40 decibels.

Compact Design

The small vacuum pump is small and easy to store when not in use. Additionally, the oilless design guarantees that oil from the pump won't contaminate your work.

Plug and Play

The simple design is built to last and be easy to use. The pump comes with a standard sized barbed connector and hose, compatible with Instec's chucks.

Safety

The pump has the added safety features of overload protection, short circuit protection and over temperature protection. In addition, the base has four suction cup feet so the pump won't slip while in use.



SPECIFICATIONS	
Type	Negative pressure
Pumping Speed	10 L/min
Ultimate Pressure	0.075 Mpa
Noise Level	<40
Motor Power	20w
Overload Protection	Yes
Over Temperature Protection	Yes
Short Circuit Protection	Yes
Voltage	110-240V
Dimensions	192 x 100 x 135 mm
Weight	1.58 kg