Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Vacuum Pump, Electric

Product Code :

SLE/LI/29



Science Lab

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Description :

Vacuum Pump, Electric (Product Code: SLE/LI/29) is a rotary vacuum pump used to evacuate air from filtration flasks, desiccators and other sealed apparatus in general laboratory work. Itsuits college, research and industrial labs that want a quiet, low-energy pump, with a 250 Wmotor giving a pumping speed of 1 litre per second and a pressure limit of 0.067 Pa. The pump is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory equipment supplier in India.

Specifications

Parameter	Detail
Pump type	Rotary vacuum pump
Pumping speed	1 litre per second
Displacement	1 litre per second
Pumped volume	3.5 m³/h
Pressure limit	0.067 Pa
Vacuum limit	0.01 (unit not stated in the listing)
Rotational speed	1300 rpm
Motor power	250 W
Power supply	230 V
Recommended oil	HFV-1
Operation	Very quiet, low energy consumption
Product code	SLE/LI/29
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is an Electric Vacuum Pump Used For?

Most chemistry and biology laboratories need a vacuum source at some point. Connected by thick-walled tubing, this pump speeds up Buchner filtration by drawing liquid through the filter paper, removes air from vacuum desiccators so samples dry without moisture pick-up, degasses liquids before measurement, and powers physics demonstrations such as sound in a partial vacuum. Its quiet running makes it comfortable to use in a teaching room.

Place a trap or filter flask between the apparatus and the pump so liquids and corrosive vapours cannot reach the oil. Check the oil level before each session, top up or change it with the recommended HFV-1 grade when it looks cloudy or dark, and release the vacuum in the apparatus before switching off so oil is not drawn back into the line.

What to Specify When Ordering