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LINICON (Vacuum Pump)



Model LV-125A

Oil-less Compressor

- **AC linear free piston vacuum pump**
- **Equipped with fuse and removable power cable**
- **Compact and lightweight**
- **Low noise level**
- **Oil-less construction**

Specifications

Rated Voltage	115 V AC	230 V AC
Power Consumption	14 W	15 W
Rated Frequency	60 Hz	50 Hz
Maximum Vacuum	-33.3 kPa (-250 mm Hg, -333 mbar, -9.84 in. Hg)	
Dimensions	135 (L) x 91 (W) x 146 (H) mm (5-5/16" x 3-37/64" x 5-3/4")	
Duty Cycle	Continuous	
Coil Insulation Class	B or its equivalent	E or its equivalent
Weight	1.5 kg (3.3 lbs.)	

Please read the page of "How to Use This Catalog" first for correct use of compressors and pumps.

Vacuum Pick-Up Set

If the following options are prepared together with Model LV-125A, the Vacuum Pick-Up Set can be arranged.

- LB07629 Vacuum pen assembly
- LQ01267 Tube 3 x 5 x 2000
- LA71242 Needle 1 x 1.5 x 40 (6 pcs/set)
- LP30884 Pad 6 mm dia.
- LP30885 Pad 4 mm dia.
- LA71143 Pen stand

The needle can be bent in accordance with applications.



High Adsorption Power

In the case that the depth of vacuum is -33.3 kPa (-250 mmHg) and the surface to be vacuumed is flat.

Pad Diameter	A Suction power when the adsorption face is placed horizontally and moved upward.	B Suction power when the adsorption face is placed vertically and moved laterally.
4 mm	20 g	10 g
6 mm	50 g	25 g

Adsorption power: W (g) = D^2 x 7.85 x 250/736



A is calculated by multiplying the safety rate of 0.5 to the above equation, and then rounded.

B is calculated by multiplying the safety rate of 0.25 to the above equation, and then rounded.

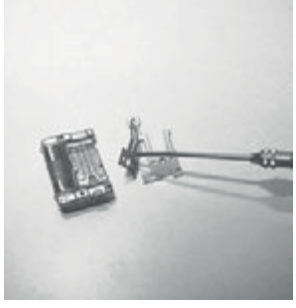


Application Examples

Transferring spherical objects such as balls



Assembling precision parts



Moving tiny parts



Transferring uneven parts



Most suitable for handling electronic parts such as ICs and LSIs. Also small parts, micro parts such as those in watches and chemicals.

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