

Top 5 tips for purchasing a **VACUUM PUMP**

Vacuum pumps are used throughout research labs for a variety of applications. Because of this broad array of uses, finding the pump best suited to your needs can be a challenge. Following these 5 tips will help you find the right pump to support your work and meet your budget.

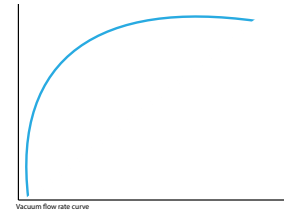
Consider your application

Make sure that you pick a pump that provides vacuum in the same range as the vacuum required by your application. Both too much vacuum and too little vacuum can cause problems.



Performance specs

Vacuum pumps are specified by their ultimate vacuum and maximum flow rate. But what really matters is the flow rate at the working vacuum you need. Look at published flow curves, or talk with manufacturers, to make sure that the pump you're considering is strong enough.



Maintenance

Some vacuum pumps require more maintenance than others. Certain pumps need to be sent out to specially-trained technicians, while others can be serviced by lab personnel. Make sure you factor in maintenance and service considerations like these when selecting your new pump.



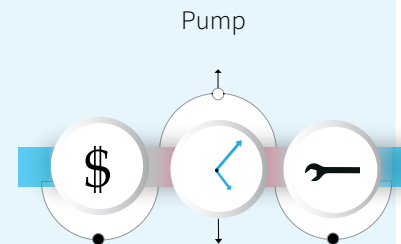
Design

Before you buy, think about details like how loud the pump will be and how the noise will impact the lab environment. Consider pump dimensions - can it sit on the bench or fit inside a cabinet? Look at the solvents you will be using and consider if the pump is compatible with those chemicals.



Cost

When weighing the cost of the pump, don't look at the upfront cost alone. Consider operating costs like power and the cost of consumables (e.g., oil) along with the frequency and cost of maintenance. If you're looking at a high maintenance pump, also consider the cost of downtime when the pump is unavailable.



If you keep these tips in mind, you're well on your way to finding the right pump for your work. But if you're still not sure which pump is right for you, visit our interactive vacuum pump selection guide at www.vacuubrand.com/vpsg or call us at 1-888-522-2726 to talk with our team of experts who can find exactly the pump you need.



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