

Clean. Quiet. Reliable. Oil-Free.

Agilent IDP-3 and IDP-10 oil-free vacuum pumps



Oil-sealed rotary vane pumps are a major source of frustration, excess costs, and lost productivity. For starters, the oil must be changed and disposed of whenever it becomes discolored—typically every 6 to 12 months. Even worse, the cost of disposing the used oil can be more expensive per liter than the original purchase price.



Rotary vane pumps also tend to fail due to oil starvation, or blocked lubrication passages, resulting in costly service calls—and hours of unexpected downtime.

Now there's a clean, compact, and cost-effective alternative to conventional oil-sealed pumps: Agilent IDP-3 and IDP-10 oil-free vacuum pumps.

They feature:

- **Lower cost of ownership**, since scroll pumps operate without oil.
- **Better vacuum performance** than other pumps of comparable size.
- **An innovative scroll design**, reducing noise and vibration. Plus, there's no hydrocarbon exhaust and no oil mist filter required.
- **Small footprint and lightweight construction**, which are ideal for any instrument configuration—even inside cabinets.
- **An automatic isolation valve** that safeguards your system during power shutdown, protecting your quadrupoles and turbo



Agilent has earned the 2018 Sustainability Leadership Award from the Business Intelligence Group for its commitment to sustainability through innovative product design.



The IDP-3 oil-free vacuum pump is MSD qualified and delivers pumping speeds of 60 L/m (3.6 m³/hr). It is compatible with Agilent 5973, 5975, and 5977 GC/MSD systems.



The IDP-10 oil-free vacuum pump delivers pumping speeds of 170 L/m (10.2 m³/hr). It is compatible with Agilent 7000 and 7010 Series triple quadrupole GC/MS systems.

Loud noise, oil leaks, and pump breakdowns don't have to be a fact of life

Here's why oil-free vacuum pumps are the wise choice for research and industrial applications.

A cleaner environment inside—and outside—your lab

Oil-free IDP pumps do not use oil, which can spill, leak, or infiltrate the MS source. They also eliminate the risk of hydrocarbon contamination in the vacuum system. Most importantly, IDP scroll pumps reduce the amount of hazardous waste in our air, water, and soil. They also eliminate the risk of hydrocarbon contamination in the vacuum system. Most importantly, IDP vacuum pumps reduce the amount of hazardous waste in our air, water, and soil.

Better performance than pumps of similar size

Dry IDP scroll pumps deliver a strong vacuum, fast pumping speeds, and high gas throughput. What's more, their low base pressure ensures optimal turbo pump performance with greater system reliability.

Quiet and unobtrusive

With their small footprint, lighter weight, and minimal power requirements, IDP pumps accommodate any system design. They place little burden on utilities, require no special voltage, and are suitable for use inside cabinet enclosures. Best of all, their low noise and minimal vibration—without a Quiet Cover—make the workday more pleasant for everyone in your lab.

Agilent IDP-3 and IDP-10 oil-free vacuum pumps make any application run more smoothly.

Learn more at: www.agilent.com/chem/idp

Explore additional [Agilent GC innovations](#) that improve performance for operational, scientific, and economical outcomes.

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Description	Part Number
Oil-free IDP-3 vacuum pump for 5973, 5975, and 5977	G6696A
Includes IDP-3 pump, power supply, new foreline hose, and fittings	
IDP-3 tip seal replacement kit	G7077-67018
IDP-3 tip seal only	5190-9561

Description	Part Number
Oil-free IDP-10 vacuum pump for 7000 or 7010	G6697A
Includes IDP-10 pump, new foreline hose, and fittings	
IDP-10 tip seal kit	G7004-67023

Important:

IDP oil-free vacuum pump upgrade kits are **not** compatible with the following GC/MS instruments:

- Diffusion pump equipped instruments
- CI instruments using NH₃ reagent gas