

Agilent introduces IDP-35 and IDP-45 dry scroll pumps for high-capacity applications

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A greener alternative to oil-sealed pumps, previously the only option at these higher pump speeds



US-based Agilent Technologies Inc. has announced the Agilent IDP-35 and IDP-45 dry scroll pumps, designed to provide quiet, efficient, oil-free, and worry-free vacuum solutions for applications requiring higher pumping capacity.

Consistent with the high standards of all Agilent IDP scroll pumps, the new IDP-35 and IDP-45 pumps offer several key benefits to customers. These pumps are ideal for applications needing higher pumping capacity without the drawbacks of oil-sealed pumps. They operate quietly and are oil-free, ensuring a cleaner work environment and eliminating the risk of oil leaks and contamination. Additionally, maintenance is minimal, simple, and infrequent, required only every two to three years. It can be performed in-house in about half an hour, significantly reducing downtime and service costs.

These new Agilent pumps also present a greener alternative to oil-sealed pumps, previously the only option at these higher pump speeds. The pumps are energy-efficient, eliminating harmful oil emissions and the need for hazardous waste disposal. This aligns with Agilent's commitment to sustainability and providing environmentally friendly solutions.

Notably, the IDP-35 and IDP-45 pumps come equipped with new smart features that enhance control and convenience. These features allow for remote real-time monitoring and precise operation, providing customers with better insights and control of their vacuum functions.

The release of the IDP-35 and IDP-45 pumps enables Agilent to expand its product line into adjacent markets and strengthen its position as a leader in clean, dry vacuum technologies. These pumps are ideal for a wide range of applications, from instrumentation like scanning electron microscopes and mass spectrometers to freeze dryers and physics research.