

DuoVane: Pfeiffer Vacuum+Fab Solutions Presents the New Generation of Rotary Vane Vacuum Pumps

Pfeiffer Vacuum+Fab Solutions introduces DuoVane®, a new series of rotary vane vacuum pumps.

ASSLAR, GERMANY, October 31, 2024 /EINPresswire.com/ -- The [DuoVane](#) vacuum pumps achieve a pumping speed of 6 to 22 m³/h. Equipped with a motor that corresponds to the energy efficiency class IE2, these pumps ensure an uncomplicated operation worldwide. The quiet operation results in a more pleasant working environment. The DuoVane is

equipped with an improved safety valve at the inlet to increase safety in the event of application errors. In addition, the pumps have improved water vapor compatibility, which makes them more robust, especially for use in freeze drying, sterilization and HVAC. Other typical areas of application include the generation of fore-vacuum for turbomolecular vacuum pumps, for example in accelerators or in battery production. Analytical devices such as electron microscopes or mass spectrometers are also equipped with rotary vane pumps.

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The DuoVane combines the advantages of our two proven series Pascal and DuoLine and enables our customers to use the known high vacuum performance with low energy consumption.”

Marcel Merkdardt, Product Manager



The new generation of rotary vane vacuum pumps DuoVane from Pfeiffer Vacuum+Fab Solutions.

Innovation meets tried and tested “Even for proven products, there comes a day when a successor is launched,” explains Marcel Merkdardt, product manager for rotary vane pumps at Pfeiffer. To enable uncomplicated system integration of the new pumps, they have the same dimensions as their predecessors. “The DuoVane combines the advantages of our two proven series Pascal and DuoLine and enables our customers to

use the known high vacuum performance with low energy consumption.”

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