

PRESS RELEASE

Pfeiffer Vacuum showcases Hena 50 and Hena 70 powerful vacuum pumps for mass spectrometer systems

- **Single-stage, oil-sealed rotary vane pumps**
- **Backing pump for mass spectrometers and similar applications**
- **Ideal for laboratory use, sturdy and reliable**

Asslar, Germany, April 20, 2020. Hena 50 and 70 are single-stage, oil-sealed rotary vane pumps which were specially developed for the demanding requirements of mass spectrometer systems. They achieve pumping speeds of between 32 and 59 m³/h, depending on their size and speed of rotation. Their integrated oil mist separator ensures clean exhaust air. They are equipped with a frequency converter that enables them to be used worldwide with single-phase input and identical pump capacity for 50 and 60 Hz.

A constantly high flow rate in the target pressure range, adjustable pumping speeds and low final vacuum contribute to the instrument's reliable high performance. Long maintenance intervals and operating hours are ensured by the high oil volume in the pumps and their low oil temperature during operation.

Hena 50 and 70 can increase the overall availability of the instrument through their high ruggedness and reliability. At the same time, they are easy to integrate due to their low noise level and efficient oil separation. Both Hena 50 and Hena 70 are certified according to UL and IEC 61010.



Caption: Pfeiffer Vacuum Hena 50 rotary vane pump

Press Contact:

Pfeiffer Vacuum GmbH

Public Relations

Sabine Neubrand

T +49 6441 802 1223

F +49 6441 802 1500

Sabine.Neubrand@pfeiffer-vacuum.de

www.pfeiffer-vacuum.com

About Pfeiffer Vacuum

Pfeiffer Vacuum (stock exchange symbol PFV, ISIN DE0006916604) is one of the world's leading providers of vacuum solutions. In addition to a full range of hybrid and magnetically levitated turbopumps, the product portfolio comprises backing pumps, leak detectors, measurement and analysis devices, components as well as vacuum chambers and systems. Ever since the invention of the turbopump by Pfeiffer Vacuum, the company has stood for innovative solutions and high-tech products that are used in the Analytics, Industry, Research & Development, Coating and Semiconductor markets. Founded in 1890, Pfeiffer Vacuum is active throughout the world today. The company employs a workforce of some 3,200 people and has more than 20 sales and service companies as well as 10 manufacturing sites worldwide.

For more information, please visit www.pfeiffer-vacuum.com.

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