

Almatec FUTUR Series AODD Pumps Now Feature Pre-Validated Data for Ultra-High Purity (UHP) Reliability

Duisburg, Germany, October 6, 2026 – [Almatec](#), part of PSG, a Dover company, and a leader in PE and PTFE air-operated double-diaphragm (AODD) plastic pumps, today announced that it has further strengthened its leadership position in semiconductor fluid handling by offering pre-validated data for ultra-high purity (UHP) reliability across its [FUTUR Series AODD Pumps](#).

As microprocessors continue to shrink and grow more powerful, contamination control throughout chemical delivery systems has become increasingly critical. Even trace levels of particles, ions, or organic contaminants can impact wafer yields and process reliability. As a result, the industry demands greater transparency and verification from every component in the fluid-handling chain.

To further support contamination control in semiconductor processes, [Almatec® FUTUR T and FUTUR H Pumps](#) are now available with individual testing and validation against the particle cleanliness thresholds required for semiconductor UHP applications. Both models are manufactured under controlled conditions and designed for the safe transfer of high-purity chemicals.

Almatec [FUTUR Series Pumps](#) undergo rigorous cleaning procedures and leach-out testing in accordance with SEMI F40/F57, with each pump individually tested before shipment. Every pump includes pre-validated UHP data, giving semiconductor manufacturers and chemical suppliers thorough documentation for each pump delivered. Current test results confirm that FUTUR T and FUTUR H Series Pumps are within, and in some cases below, the contaminant concentration levels outlined in F57 guidelines, making them an ideal solution for UHP applications.

By implementing additional cleaning and testing procedures, contamination contribution levels can be accurately measured and documented, resulting in shorter qualification cycles and faster time-to-production.

For more information about Almatec, visit [almatec.com](#). Almatec is a product brand of PSG, a Dover company. For more information on PSG, visit [psgdover.com](#).

About Almatec:

Almatec is a premier brand of air-operated double-diaphragm (AODD) pumps. By specializing in plastic pumps made of PE or PTFE with solid housings, Almatec AODD pumps are ideally suited for a wide variety of applications that require a high resistance to abrasive or chemical media. In various sophisticated markets, the brand name Almatec has become synonymous with quality, reliability, and safety. Almatec is a brand of PSG, a Dover company. To learn more about Almatec, please visit [psgdover.com/almatec](#).

About PSG:

PSG is the global pump, metering, connector and dispensing-solution expert, enabling the safe and efficient transfer of critical and valuable fluids that require optimal performance and reliability in applications where it matters most. Additionally, PSG is a leading provider of flow meters designed to reduce waste and downtime while accurately measuring, monitoring and controlling the distribution of fluids. Headquartered in Downers Grove, Illinois, USA, PSG is comprised of several world-class brands, including Abaque, All-Flo, Almatec, Blackmer, CPC Biotech, Ebsray, em-tec, Griswold, Hydro, ipp, Malema, Mouvex, Neptune, Quantex and Wilden. PSG products are manufactured on three continents – North America, Europe and Asia – in state-of-the-art facilities that practice lean manufacturing and are ISO-certified. PSG is part of the Pumps & Process Solutions segment of Dover Corporation. For additional information on PSG, please visit [psgdover.com](#). PSG: Where Innovation Flows.

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