



Zhuhai Chenhui Technology Co., LTD Unveils High-Quality Micro Gear Pumps for Precise Fluid Transfer

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Micro gear pump | zhuhai chenhui technology - Friday, March 7, 2025.

Submitted by [Zhuhai Chenhui](#)

Zhuhai Chenhui Technology Co., Ltd., a leader in precision fluid transfer solutions, is excited to announce the launch of its new line of high-quality **micro-gear pumps**. Designed to deliver exceptional accuracy and reliability, these pumps are set to revolutionize fluid transfer processes across multiple industries, reinforcing the company's commitment to innovation and excellence.

Bringing together cutting-edge technology and precision engineering, Zhuhai Chenhui Technology Co., LTD **micro gear pumps** offer no-pulse fluid delivery with an impressive accuracy of $\pm 0.5\%$, a strong vacuum suction capacity, and high conveyance pressure for low-viscosity liquids. The compact structure and leak-free design make these pumps an ideal choice for applications with limited space, ensuring seamless integration and optimal performance.

Precision Redefined: The Future of Fluid Transfer

In an industry where accuracy and reliability are paramount, Zhuhai Chenhui Technology Co., LTD micro gear pumps stand out with their unparalleled precision and advanced features. Traditional fluid transfer systems often struggle with pulse variations and leakage issues, leading to inefficiencies and downtime. The new micro gear pumps address these challenges head-on, offering a no-pulse delivery system powered by servo and stepper motors, ensuring smooth and uninterrupted fluid transfer.

"At Zhuhai Chenhui Technology Co., LTD, we are committed to pushing the boundaries of innovation," said Mr. Chen. "Our micro gear pumps are a testament to our dedication to providing reliable, high-performance solutions that meet the evolving needs of our clients."

KEY FEATURES OF ZHUHAI CHENHUI TECHNOLOGY CO., LTD'S MICRO GEAR PUMPS

- **No-Pulse Accurate Delivery:**
Utilizes precision gears and motors to ensure continuous fluid transfer with an accuracy of $\pm 0.5\%$.
- **Leak-Free Design:**
Features a magnetic drive and static O-ring seals to prevent leakage and isolate the medium within the pump.
- **Strong Vacuum Suction Capacity:**
Capable of handling high conveyance pressure even with low-viscosity liquids.
- **Long Lifespan:**
Built with high-performance materials and advanced craftsmanship to maximize operational life.
- **Compact Structure:**
Engineered for applications where space is limited without compromising performance.

A LEAP FORWARD IN FLUID TRANSFER TECHNOLOGY

The introduction of these **micro gear pumps** marks a significant milestone for Zhuhai Chenhui Technology Co., LTD. Engineered with advanced magnetic drive technology and static O-ring seals, these pumps eliminate the risk of leakage, ensuring a clean and efficient fluid transfer process. This feature is particularly beneficial for industries where contamination must be minimized, such as pharmaceuticals, food processing, and chemical manufacturing.

Moreover, the pumps' ability to maintain high conveyance pressure with low-viscosity liquids expands their versatility, making them suitable for a wide range of applications from laboratory research to industrial automation.

Expert Insights: Driving Innovation in Fluid Transfer

"Precision and reliability are the cornerstones of our product design philosophy," stated Mr. Chen. "Our new micro gear pumps not only enhance fluid transfer accuracy but also offer unmatched durability and ease of use. We believe these pumps will set a new standard in the industry."

The company's focus on precision engineering and customer-centric innovation is evident in every detail of the new product line, reinforcing Zhuhai Chenhui Technology Co., LTD position as a trusted name in the fluid transfer solutions market.

Built for Performance: Applications Across Industries

Zhuhai Chenhui Technology Co., LTD micro gear pumps are designed to serve a broad spectrum of industries, including:

- **Medical and Pharmaceutical:** Ensures contamination-free transfer of sensitive fluids.
- **Chemical Processing:** Capable of handling corrosive and low-viscosity liquids efficiently.
- **Food and Beverage:** Maintains hygiene standards with leak-free and precise fluid delivery.
- **Industrial Automation:** Compact and reliable for integration in automated systems.

With their ability to maintain high pressure and precision even in demanding environments, these pumps offer a robust solution for businesses seeking to optimize their fluid handling processes.

ELEVATING STANDARDS: A NEW BENCHMARK FOR RELIABILITY

Built with high-performance materials and advanced craftsmanship, Zhuhai Chenhui Technology Co., LTD **micro gear pumps** are engineered for longevity and minimal maintenance. The compact design allows for easy installation in applications where space is at a premium, making them a versatile solution for both small-scale and large-scale operations.

The company's relentless pursuit of innovation is reflected in the advanced features of these pumps, ensuring they not only meet but exceed industry standards for performance and reliability.

AVAILABILITY AND CONTACT INFORMATION

The new line of micro gear pumps is now available for order through [Zhuhai Chenhui Technology Co., LTD.](#) official website and authorized distributors worldwide. For more information on product specifications, pricing, and customization options, visit <https://www.chenhuiump.com/product-category/micro-gear-pump/>

For more information about the company,

Company Name: **Zhuhai Chenhui Technology Co., LTD**

Address: Honghui 3rd Road, Hongqi, Jinwan, Zhuhai, China

Contact Phone: +86 13425066761

Contact Name: Grace Lee

Contact Email: sales@zhchenhui.com

Website url: <https://www.chenhuiump.com/>

About Micro gear pump | zhuhai chenhui technology

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[Contact us](#) today to explore our extensive range of gear pumps tailored to meet your specific needs.

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Contact info

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