



Chenhui Technology Unveils Magnetic Coupled Micro Gear Pump for Leak-Free, Precision Fluid Transfer

In today's high-tech industries, whether in laboratories, hospitals, or chemical processing plants, the need for ultra-precise, clean, and dependable fluid transfer systems is critical.

ZHUHAI, China - April 18, 2025 - [PRLog](#) -- Zhuhai Chenhui Technology Co., LTD, a leader in precision fluid control solutions, is proud to introduce its latest innovation: the Magnetic Coupled Micro Gear Pump. Engineered for the most demanding industrial applications, this compact, high-performance pump offers leak-free operation, superior dosing accuracy, and reliable long-term performance for sectors ranging from chemical processing to medical dosing.

With precision and safety at the heart of its design, the new **Micro Gear Pump** (<https://www.chenhuipump.com/product-category/micro-gear-pump/>) is a game-changer for industries where fluid handling must be accurate, contamination-free, and efficient—even in tight spaces.

Key Features That Set a New Standard in Fluid Handling

Zhuhai Chenhui Technology's Magnetic Coupled **Micro Gear Pump** (<https://www.smallbizblog.net/2025/03/26/small-but-mighty-how-micro-gear-pumps-deliver-precision-and-efficiency/>) boasts a wide array of features and benefits that make it the go-to choice for mission-critical applications:

- **No Pulse, Continuous Delivery:** Utilizes gear-driven fluid control for smooth, uninterrupted dosing.
- **Magnetic Coupling:** Eliminates the need for traditional shaft seals, significantly reducing the risk of leakage.
- **Static O-Ring Sealing:** Keeps the fluid medium fully isolated from external environments.
- **High Accuracy:** Achieves delivery accuracy of $\pm 0.5\%$ with both servo and stepper motor compatibility.
- **Vacuum Suction Capability:** Efficiently handles low viscosity liquids under high pressure.
- **Compact & Lightweight Design:** Ideal for equipment with limited installation space.
- **Long Service Life:** Built with high-performance materials for durability and longevity, even under rigorous conditions.

Built for the Industries that Rely on Precision

- **Chemical Processing:** Safely handles corrosive or sensitive fluids with zero leakage risk.
- **Medical Dosing:** Delivers ultra-precise doses of pharmaceuticals and biomaterials in healthcare devices.
- **Lubrication Systems:** Ensures reliable, pulse-free lubrication in complex machinery and engines.
- **Fuel Transfer:** Compact enough for integration in automotive or aerospace fuel management systems.

About Zhuhai Chenhui Technology Co., LTD

Zhuhai Chenhui Technology Co., LTD (<https://www.chenhuipump.com/>) is a pioneering manufacturer of high-performance micro pumps and precision fluid control systems. Based in Zhuhai, China, the company specializes in delivering innovative solutions for industries including medical technology, chemical processing, lubrication systems, and beyond.

Contact

Grace Lee

sales@zhchenhui.com

+86 13425066761

--- End ---

Source	Zhuhai Chenhui Technology Co., LTD
City/Town	Zhuhai
State/Province	Guangdong
Country	China
Industry	Industrial
Tags	Micro gear Pump
Link	https://prlog.org/13072399



Scan this QR Code with your SmartPhone to-

- * Read this news online
- * Contact author
- * Bookmark or share online