

Zhuhai Chenhui Launches MPB015 Micro Magnetic Drive Gear Pump with 70W BLDC Motor for Precision Fluid Delivery



MICRO GEAR PUMP WITH BLDC MOTOR

BLDC 70W Motor—Revolutionizing Precision Fluid Delivery

The MPB015 Magnetic Drive Gear Pump is designed for businesses and industries that demand absolute precision in fluid movement.

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www.chenhuipump.com

Zhuhai, Guangdong Jun 26, 2025 (Issuewire.com) - As a pioneer in cutting-edge fluid transfer solutions, Zhuhai Chenhui Technology Co., Ltd. is pleased to present the MPB015 Micro Magnetic Drive **Gear Pump with BLDC 70W Motor**, a sophisticated, highly efficient pump intended to transform precise fluid delivery in a variety of industries.

An indispensable instrument in industrial, chemical, and medical applications, this next-generation **micro gear pump** is designed for precision, longevity, and exceptional performance, setting new benchmarks in high-speed, high-efficiency liquid conveyance.

The MPB015 Micro Magnetic Drive Gear Pump's salient features include:

- **Pulse-Free Accuracy:** Ensures continuous and precise fluid delivery with an error margin of just $\pm 0.5\%$.
- **Superior Vacuum Suction:** Capable of maintaining high and stable conveyance pressure, even in low-viscosity liquids.
- **Leak-Proof Design:** Magnetic drive and static O-ring seal ensure zero leakage and complete fluid isolation.
- **Compact & Versatile:** Shaftless motor design allows easy installation in tight spaces.
- **Ultra-Low Noise:** Helical gears reduce vibration, friction, and impact for quieter operation.
- **Extended Lifespan:** Brushless motor eliminates carbon brushes, enhancing durability and longevity.

Transforming High-Precision Fluid Transfer with Advanced Technology

Businesses and industries that require the utmost precision in fluid movement are the target market for the [Micro Gear Pump With BLDC Motor](#). Due to mechanical contact, traditional pumps frequently experience wear over time, pulsation, and errors. By combining cutting-edge magnetic drive technology with a brushless DC (BLDC) motor, **Zhuhai Chenhui Technology Co., Ltd.** has overcome these difficulties and ensured steady, pulse-free operation.

Unmatched Performance in High-Speed, High-Efficiency Applications

Unlike conventional pumps that struggle with fluctuations and inefficiencies, the MPB015 delivers a steady flow rate of 1-1.5L/min and a pressure range of 0.5-20 bar, making it ideal for:

- **Medical & Pharmaceutical Applications** – Ensuring precise dosing and liquid delivery.
- **Chemical Processing** – Handling aggressive and sensitive fluids without contamination.
- **Industrial Automation** – Supporting precision cooling, lubrication, and dispensing systems.
- **Laboratory & Analytical Instruments** – Providing stable and repeatable fluid control.

With its small size and powerful design, it can be used in a variety of industries and consistently produces high-speed operations with less space usage.

Innovative Features That Set the MPB015 ApartLeak-Proof Magnetic Drive System:

By doing away with conventional mechanical seals, the pump's magnetic coupling technology ensures long-term fluid separation and stops leakage.

Noise-Reduction Helical Gears:

A smooth meshing operation is made possible by precisely designed helical gears, which lessen mechanical impact, noise, and vibration.

Shaftless Motor for Enhanced Stability:

The shaftless BLDC motor offers greater torque efficiency, a longer operating lifespan, and stability even in the most demanding conditions.

Minimal Maintenance & Extended Life:

In contrast to conventional pumps that use carbon brushes, the brushless motor design significantly lowers maintenance requirements by removing frequent wear and tear.

Setting New Benchmarks in Fluid Transfer Technology

Zhuhai Chenhui Technology Co., Ltd. continues to lead the way in precision pump innovation, developing high-performance solutions that cater to industries requiring accurate, stable, and contamination-free fluid transfer.

This innovative solution, which offers technical assistance and customisation possibilities to meet specific industry needs, is now immediately available for order globally.

Availability & Contact Information

The **Micro Gear Pump With BLDC Motor** is available for purchase directly through Zhuhai Chenhui Technology Co., Ltd. and its authorized distributors. For additional details, questions about costs, or technical requirements, please get in touch with: www.chenhuiump.com/product/mpb015-micro-magnetic-drive-gear-pump-with-bldc-70w-motor/

About Zhuhai Chenhui Technology Co., Ltd.

One innovative business that specialises in high-precision fluid transfer solutions is [Zhuhai Chenhui Technology Co., Ltd.](#) The business has made a name for itself as a reliable leader in the pump manufacturing sector thanks to its strong dedication to innovation, efficiency, and dependability.

Our proficiency in brushless motors, fluid dynamics, and magnetic drive technology enables us to provide innovative solutions for chemical, industrial, and medical applications globally.

Media Contact

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