

Micro Magnetic Drive Gear Pump with BLDC 70W Motor—Revolutionizing Precision Fluid Delivery

Zhuhai Chenhui Technology Co., Ltd., a leader in innovative fluid transfer solutions, proudly introduces the MPB015 Micro Magnetic Drive Gear Pump with BLDC 70W Motor.



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.

 Visit Our Website
www.chenhuipump.com

Zhuhai, Guangdong Apr 1, 2025 (Issuewire.com) - Zhuhai Chenhui Technology Co., Ltd., a leader in innovative fluid transfer solutions, proudly introduces the MPB015 Micro [Magnetic Drive Gear Pump with BLDC 70W Motor](#)—an advanced, high-efficiency pump designed to revolutionize precision fluid delivery across various industries.

Engineered for accuracy, durability, and superior performance, this next-generation **micro gear pump** sets new standards in high-speed, high-efficiency liquid conveyance, making it an essential tool in medical, chemical, and industrial applications.

Key Highlights of the MPB015 Micro Magnetic Drive Gear Pump:

- **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

The MPB015 Magnetic Drive Gear Pump is designed for businesses and industries that demand absolute precision in fluid movement. Traditional pumps often suffer from pulsation, inaccuracies, and wear over time due to mechanical contact. Zhuhai Chenhui Technology Co., Ltd. has addressed these challenges by integrating state-of-the-art magnetic drive technology with a brushless DC (BLDC) motor, ensuring stable and pulse-free operation.

"In industries where even the smallest margin of error can be costly, our MPB015 pump delivers unparalleled accuracy and reliability. This innovation reflects our unwavering commitment to high-performance, leak-proof, and efficient pumping solutions," said Grace Lee of Zhuhai Chenhui Technology Co., Ltd.

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.

The compact yet powerful design ensures adaptability across various sectors, delivering consistent results in high-speed operations requiring minimal space.

Innovative Features That Set the MPB015 Apart

???? Leak-Proof Magnetic Drive System:

The pump's magnetic coupling technology eliminates the need for traditional mechanical seals, preventing leaks and ensuring long-term fluid isolation.

???? Noise-Reduction Helical Gears:

Precision-engineered helical gears provide a smooth meshing process, reducing noise, vibration, and mechanical impact.

???? Shaftless Motor for Enhanced Stability:

The shaftless BLDC motor ensures stability in the most challenging environments, offering higher torque efficiency and a longer operational lifespan.

???? Minimal Maintenance & Extended Life:

Unlike traditional pumps that rely on carbon brushes, the brushless motor design eliminates frequent wear and tear, drastically reducing maintenance needs.

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.

"With the MPB015, we are setting a new benchmark in the micro magnetic drive gear pump market. Our customers can now achieve greater efficiency, reliability, and precision in their fluid handling applications," added Grace Lee.

This groundbreaking product is now available for immediate order worldwide, with technical support and customization options to suit specific industry needs.

Availability & Contact Information

The MPB015 [Micro Magnetic Drive Gear Pump](#) is available for purchase directly through Zhuhai Chenhui Technology Co., Ltd. and its authorized distributors. For more information, pricing inquiries, or technical specifications, please contact:

About Zhuhai Chenhui Technology Co., Ltd.

[Zhuhai Chenhui Technology Co., Ltd.](#) is a pioneering company specializing in high-precision fluid transfer solutions. With a strong commitment to innovation, efficiency, and reliability, the company has established itself as a trusted leader in the pump manufacturing industry.

Our expertise in magnetic drive technology, brushless motors, and fluid dynamics allows us to deliver cutting-edge solutions tailored to industrial, medical, and chemical applications worldwide.

For more information about the company,

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