

Press Release

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Bartels Mikrotechnik GmbH inks Distribution Agreement with Nitta Moore Company

Exclusive Distribution of Bartels Mikrotechnik's Micropump mp5 for Japan

Dortmund – August 30, 2006 – Bartels Mikrotechnik GmbH and Nitta Moore Company are teaming up to deliver active microfluidic components with full support to the Japanese market. Starting with the company's micropump mp5 Nitta Moore will distribute exclusively for the Dortmund located company.

The striking characteristics of the micropump that Bartels Mikrotechnik first presented in 2004 are its tiny dimensions, its high pumping dynamics, and its capability for pumping gases and liquids. The setup of the micropump is very straight forward: A piezoelectric membrane is deflecting and moves a fluid volume. Passive check valves rectify the fluid into one direction.

The size and lightweight is one of the biggest advantages together with the low power consumption. It can be battery-powered and runs for days without changing the energy source. Put two 1€Cent-coins on top of each other and you will roughly get the size of the micropump. Such an autarkic system fits into portable systems and offers the operator convenience and easy handling. Developed as a low-cost product for the mass market, the cost-structure allows the application in disposable devices.

The development specialist Bartels Mikrotechnik has established with the micropump its first own product, the logical further development is now following in the form of the adaptation for the application-specific requirements of the market. Also other microfluidic components as passive or active valves are in the pipeline.

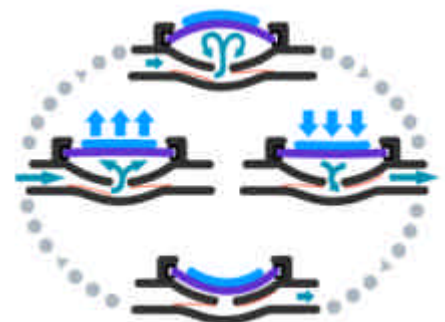
About Bartels Mikrotechnik GmbH

Bartels Mikrotechnik is providing innovative technologies and product solutions spanning various branches from its MEMS background. Next to the



mp5 - the small, portable disposable micropump with broad flow dynamics.

Functional principle of piezomembrane pump.



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technological know-how, the long time experience in micro systems technology and the powerful affiliate network, the combination of MEMS solutions centre, excimer laser jobshop and own products defines the unique selling proposition of Bartels Mikrotechnik GmbH.

About Nitta Moore Company

As technical innovator in the field of pneumatic, fluid transport tubes and fittings Nitta Moore constantly strives to manufacture products of higher performance to match its customer needs now and in the future. Nitta Moore has developed a wide range of thermoplastic tubes and fittings leading to increases in cleanliness, flexibility, corrosion resistance, flame / spatter resistance, heat resistance, pressure resistance and other qualities essential for reliable and efficient manufacturing processes.

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