

## Press Release

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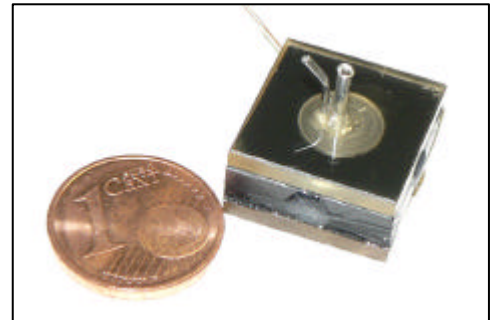
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*Bartels Mikrotechnik at Sensor + Test 2006, **Booth 4-519***

## Extended Portfolio of Microfluidic Components

The product portfolio of microfluidic components of Bartels Mikrotechnik is extended by an active micro valve next to the so far existing passive dynamic micro check valve and piezo membrane pump.

At Sensor + Test 2006 in Nürnberg the first prototype will be presented. The functional principle is based, as the micropump, on a piezo membrane. Otherwise the set-up is made of plastic to be able to produce in series at low-price. The valve is normally closed and closing pressures of 0,5 bar are achieved. The valve can be operated stand-alone or modular in combination with the micropump. After an iteration phase the transfer into serial production is aimed for 2007.



Small and smart: Active micro valve  
The first prototypes will be presented at  
Sensor + Test 2006.

Source: Bartels Mikrotechnik GmbH

### About Bartels Mikrotechnik

Next to the technological know-how, the long time experience in micro systems technology and the powerful affiliate network, the combination of MEMS solutions center, excimer laser jobshop and own products defines the unique selling proposition of Bartels Mikrotechnik GmbH. At the Sensor + Test in Nürnberg the creative competence of the company and innovation potential of micro systems technology is presented through customer specific microfluidic products and own products as micropump and microvalves.

Please visit us at Sensor + Test, **Booth 4-519**.

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