

Micro pump

The micro pump comprises a micro pump unit consisting of a fluid chamber having an open bottom and a closed top, an actuation diaphragm at the bottom of the fluid chamber and a fluid inlet channel and a fluid outlet channel spaced from each other and communicating with the fluid chamber. The fluid inlet channel has a pressure sensitive passive inlet valve and the fluid outlet channel has a pressure sensitive passive outlet valve. A linear actuator is assembled to the micro pump Unit and coaxially operatively connected to the actuation diaphragm at the bottom of the fluid chamber

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