Mantis Overview

http://www.formulatrix.com/demosite/liquid-handling/products/mantis/index.html

The Mantis is a programmable, low volume, low dead-volume, non-contact liquid dispenser. The Mantis does not clog, and can dispense any volume of any reagent into any well of an SBS plate.

* **Low Dead Volume**. A pipette tip or tube from a reagent bottle inputs directly into the Mantis’s chip, minimizing dead volume to as little as 6 µL.
* **Clean**. The Mantis’s fluid path is both disposable and washable.
* **Reliable**. The Mantis dispenses using Formulatrix’s patented, non-contact, micro-diaphragm pump technology via positive displacement assuring minimal clogging.
* **Flexible**. The Mantis dispenses into most SBS plates, up to 1536 wells. You can dispense up to six reagents automatically using the optional chip changer.
* **Chemical Compatibility**. Mantis can dispense DMSO and other aggressive solvents using optional perfluoroelastomer chips.