Mantis Newest Model

<http://www.formulatrix.com/demosite/liquid-handling/products/mantis/index.html#tabbed-nav=tab2>

Remove this page entirely, it’s completely redundant over key features.

**The next generation Mantis - Continuous flow, deep well support and more**

The new Mantis combines the capabilities of our original design with some significant hardware upgrades making Mantis even more versatile and robust.

**Continuous Flow Dispensing (optional)**

With the optional continuous flow, the Mantis can pressurize an external reservior to dispense liquids at a constant speed. This method reduces filling rates7 fold to 150 μL/second, faster than previous models. This increased dispensing speed is suitable for filling deep well blocks.

**Extended Z-Axis for Deep Well Blocks**

The Mantis’ dispense head has a clearance of up to 54mM for dispensing into deep well blocks.

**Integrated Ingredient Holders (optional)**

Mantis comes fitted with removable reagent containers that allow reagents in 50ml Falcon tubes to store safely during dispensing with no need for additional racks or risk of tipping/spilling.

**Dual Wash Stations**

The dual wash stations built into the Mantis allow for easy sterilization during dispenses. One station can be filled with a sterilizing bleach or alcohol solution, while the second station can contain a final rinse solution.