Formulator Overview

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

The Formulator is a next-generation liquid handler that uses patented microfluidic technology to dispense up to ten times faster than traditional liquid handlers and is capable of dispensing viscous reagents.

* **State-of-the-art Dispensing Technology.** The Formulator applies independent channel control over all 96 nozzles. By using positive displacement instead of pressurized bottles, pipetting volumes are highly reproducible.
* **Precise**. Dispense volumes down to 200 nL with low CVs. Upper dispense volumes are unlimited.
* **Fast**. Dispense a 100 µL, three ingredient, 96-well grid in as few as 2.7 minutes.
* **Easy to use**. Using the Formulator does not require programming knowledge or memorizing complicated usage steps. Design your experiments using the Formulator software, a spreadsheet editor, or Rock Maker (sold separately); place your ingredients on the instrument; and then click the run button.
* **Reliable**. Constructed with chemically inert components, the Formulator is self-washing and requires minor regular maintenance.
* **Flexible**. Independent control over each dispense nozzle allows the Formulator to dispense any volume of any reagent into any well. Coupled with a motorized XYZ stage, the Formulator can support all microplate formats, even large VDX/Linbro plates.
* **Small.** The Formulator’s footprint is slightly larger than a microwave.