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.

**Fast**

Dispense a 100 µL, 3 ingredient, 96-well grid in as little as 2.7 minutes.

**Easy to use**

No difficult programming or complicated usage steps. Design your experiments using Excel or an intuitive experiment designer (e.g. Rock Maker - sold separately), place your ingredients on the instrument, and click run.

**Flexible**

Independent control over each dispense nozzle allows any volume of any reagent to dispense into any well. Coupled with a motorized XYZ stage, the Formulator can support all microplate formats, even large VDX/Linbro plates.

**Small**

The footprint is slightly larger than a microwave.

**Reliable**

Constructed with chemically inert components, the Formulator is self-washing and requires no regular maintenance.

**Precise**

Dispense volumes down to 200 nL with low CVs. Upper dispense volumes are unlimited.

**State-of-the-art Dispensing Technology:**

The Formulator applies independent channel control over all 96 nozzles. By using positive displacement instead of pressurized bottles, calibration is unnecessary and pipetting volumes are highly reproducible.