



Low Volume Robotic Liquid Dispenser

Fluid. Flexible. Fast.

For use in:

PCR Cleanup

PCR Product Elution

Low Volume Silicon Oil

Cell Dispensing

 **Hudson Control Group**

micro 1 - Low Volume Robotic Liquid Dispenser

The **micro 1™** is a dramatic breakthrough in accurate, small-volume bulk dispensing. Dispensing precise volumes from 1µL with 10nL resolution, the **micro 1** has unique advantages not found in any other benchtop dispenser. And, the **micro 1** never needs re-calibration as do other 1µL dispensers.

Fluid

The **micro 1** represents a new generation in benchtop liquid dispensers. With full robotic control of the filler head, the **micro 1** automatically adjusts to the height and well-pattern of any SBS-standard microplate from low-profile, 1536-wellplates to tall, 96-well deep-well plates.

Flexible

The **micro 1** can be loaded and operated manually, but it is also fully-compatible with robot loading systems such as the PlateCrane EX®. And, because the filler head itself moves, not the plate, the **micro 1** can be used in-line with the LabLinx® high-performance track system for unparalleled throughput and ease of setup.

Fast

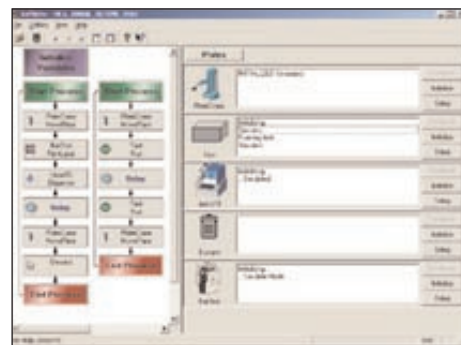
The **micro 1** was designed to meet the fast-changing needs of high throughput screening, cell-based research and genomic/proteomic applications.

Features:

- Touch Screen programming on an LCD Display
- Graphical Row Selection
- 96-,384- and 1536-well filling
- 1µL to 100µL per well; <10% CV at 1µL
- Non-contact dispensing
- 50% faster than 8-tip dispensers
- Tip Touch capability to touch-off droplets
- AutoPrimes at programmed intervals to prevent drying or clogging
- Self-draining prime trough for repeated priming without overflows
- Stores up to 20 Dispense programs and 10 Priming programs
- Full RS-232 external control capability for easy integration with robots
- In-Line operation with track systems or stand-alone manual-loading
- Small (10" x 15") footprint to conserve valuable bench space
- Reversible pump for emptying the fluid path, saving valuable reagents
- All electronics are well away from potential spill areas
- Includes Hudson Control Group's SoftLinx™ software, which provides an easy-to-use interface to coordinate the **micro 1's** operation with other automated instruments
- Optional, programmable 10-way valve for multiple reagents



Easily interfaces with LabLinx and PlateCrane EX as well as other manufacturers' equipment.



SoftLinx software makes it easy to interface the micro 1 with other automated instruments for seamless process control.



Contract Holder
GS-07F-9491S

Hudson Control Group
Customized Solutions in Microplate Automation and Robotics