

Hudson



## High-Throughput Single-Channel Pipettor

*Compact. Compatible. Unique.*

*For use in:*

*DNA Transformations & Transfections*

*High-Throughput Cherry Picking*

*Bioreactor Sampling & Feeding*

*Maldi Spotting*

*Plating Bacterial Colonies*

*Hit Picking*

 **Hudson Control Group**

# Hudson SOLO – High-Throughput Single-Channel Pipettor

The **Hudson SOLO™** is a low cost, high-throughput single-channel pipettor able to perform DNA transformations, cherry picking, and other applications involving the transfer of liquid samples. The **SOLO** was developed to meet the growing need throughout the research, pharmaceutical and clinical communities for a high resolution, compact robotic pipettor.

## Compact

The **SOLO** easily fits on lab benchtops and into standard fume hoods and biosafety cabinets. The **SOLO** provides researchers with walkaway freedom, a small footprint, easy-to-use SoftLinx software for data tracking and scheduling, improved efficiency and continuous unattended operation.

## Compatible

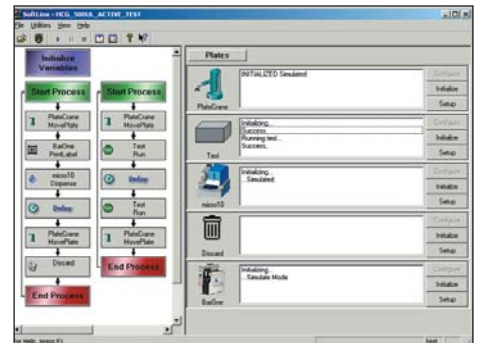
The **SOLO** can automate large and small volume experiments, is adaptable to common well plate formats and can improve the quality and reliability of research. With a broad dynamic volume range and the ability to handle reactions in a sterile environment, the **SOLO** can be loaded and operated manually, but is also compatible with robot loading systems from most manufacturers, including the Hudson PlateCrane EX.

## Unique

The **SOLO** also can preserve sterility and avoid cross-contamination while dispensing into slides and microplates. The **SOLO** high-throughput single-channel pipettor has features that researchers will find very desirable from a benchtop instrument.

## Features:

- Compact 14" x 16" (355mm x 400mm) footprint
- Compatible with vials, test tubes and reservoirs
- 8-, 24-, 96-, 384- and 1536-well dispensing
- A very broad dynamic volume range, 1uL to 10mL
- Ability to handle reactions in a sterile environment
- In-line and stacker compatibility for unparalleled high-throughput
- Communicates via a serial port and comes with its own easy-to-use GUI
- Offered with Hudson Control Group's SoftLinx software, which provides an easy-to-use interface to coordinate the **SOLO's** operation with other automated instruments
- Capability of supporting a grouping of up to 10 syringes with varying bore sizes to support very tiny (<1uL) to very large (>10uL) aspirating and dispensing volumes, all on the same unit
- An optional peristaltic pump for high-speed tip washing, which saves cycle time versus traditional washing with a syringe-pump
- Accessories available for the **SOLO** include:
  - LabLinx track-mounting fixture
  - Integrated stacker(s)
  - Plate nests for robotic loading/unloading
  - SoftLinx interfaces to third-party instruments
  - Optional bulk dispense feature



*SoftLinx™ software makes it easy to interface the **SOLO** with other automated instruments for seamless process control.*

