

# SOLO™ Robotic Pipettor

*Ahead of the Curve.*

*The SOLO™ Automated Pipettor and SOLOSoft™ control software offer unsurpassed ease of operation for serial dilutions and more...*

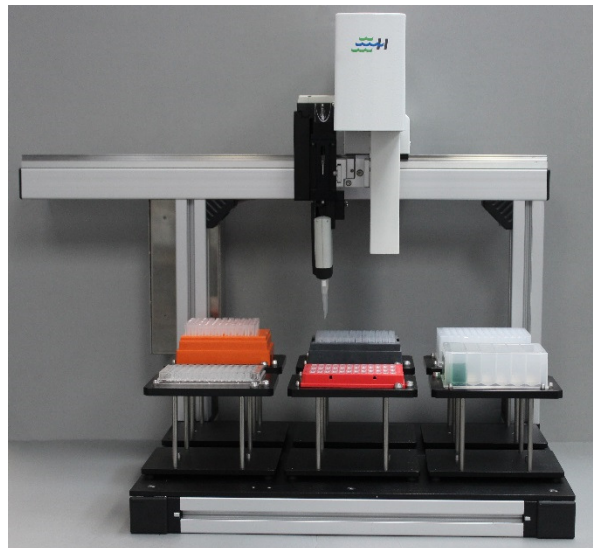
Hudson's SOLO™ is a low cost, flexible and easy-to-use automated pipettor. Available in single, 8 and 12 channel options the SOLO can be programmed to do anything expected of a hand-held pipettor, with better repeatability. Simply set up the pipetting steps in intuitive SOLOSoft control software and go. Equipped with a broad dynamic volume range and the ability to handle reactions in a sterile environment, the SOLO can be loaded and operated manually, and is also compatible with robot loading systems from most manufactures, including the Hudson PlateCrane EX and SciClops.

The SOLO was developed to meet the growing need throughout the research, pharmaceutical and clinical communities for a high resolution compact robotic pipettor. The SOLO provides researchers with walk-away freedom, a small footprint, and easy to use SOLOSoft software which is closely linked to our SoftLinX™ software for data tracking and scheduling, plus improved efficiency and decreased cost of continuous unattended operation.

## SOLO™ Robotic Pipettor

The SOLO™ easily fits on the lab bench and in standard fume hoods and biosafety cabinets. It can automate large and small volume experiments, is adaptable to most SBS footprint microplates and can improve the quality and reliability of many assays. The SOLO will save valuable time and reduce errors inherent in complex, repetitive pipetting. Optional deck accessories, stackers and bulk reagent dispensing give the SOLO all the features users demand in an automated pipettor.

- Compact 21" x 32" (530mm x 813mm) footprint for basic system
- 8-, 24-, 96- & 384- well microplate compatible
- Compatible with a wide variety of plates, vials and reagent reservoirs
- Dispense above the well, tip touch or set mix protocol
- Broad volume range: 1ul to 200ul for the multi-tip heads
- Easily fits in a standard hood
- Fully compatible with robot loading systems or can be used manually as a stand alone unit
- Plate stacker upgrade available anytime for unparalleled flexibility and high throughput
- Easy to use SOLOSoft control software for simple programming of pipetting steps
- Seamless integration to SoftLinX



The **SOLO** Robotic Pipettor



#### Corporate Headquarters:

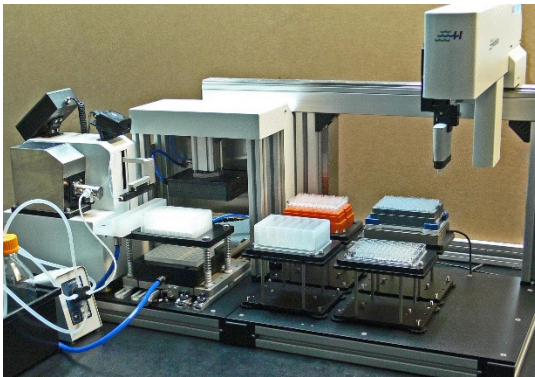
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## Applications

The SOLO™ is the ideal benchtop pipettor for a variety of applications. The SOLO offers the following fully-developed applications, including:

- Serial Dilutions
- Hit Picking
- Kinase assays
- ELISAs
- DNA Extraction
- DNA Normalization
- Next Gen Sequencing Prep
- Gene assembly

## Synthetic Biology Workstation



**DNA Extraction Workstation**



## SOLO Specifications

**Dispensing:** Single channel - 1ul to 10 ml; optional pump assembly for bulk dispensing  
8 & 12 channel : 1-10 ul pipette head; 5 - 200ul pipette head

**Plate Capacity:** 4 or 6 on-deck positions; 2 additional positions off deck

**Plate Format:** SBS footprint; 8-, 24-, 96-, 384- shallow well and deep well; inquire for custom nests

**Housing Material:** Stainless main deck; painted steel upper arm covers; machined aluminum structural components

**Spill Protection:** All electronics protected by solid, non-penetrated cover

**Arm Travel:** x=18.55"; y=9.57"; z=3.09"

**Size:** 30" x 25" x 19" (WxHxD)

**Weight:** 60lbs.

**Computer Interface:** RS-232

**Accessories:**

- Plate stacker and/or robotic arm
- Shaker nest
- Liquid level detection
- Integrated bulk reagent dispensing
- Thermal cycler
- Vacuum nest
- Heating/Cooling nests
- Magnetic nest

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