

# RapidPick™ Automated Colony Picking Systems

Ahead of the Curve.

*The **RapidPick Series** offers the highest flexibility, throughput and efficiency in automated colony-picking.*

*New for 2014, the **RapidPick SP** is a single-pin pin for users who need RapidPick accuracy, and throughput up to 400 colonies per hour.*

Hudson's RapidPick™ systems are designed to pick from petri dishes and almost any SBS plates, including: 1,6,8,24,48 and 96-well plates. They will inoculate SBS 1,24,96,384 deepwell and standard height plates.

The RapidPick Complete, RapidPick Lite and RapidPick ACIS are fully-integrated solutions for colony picking, and include Hudson's PlateCrane robot arm and stackers. The PlateCrane can be configured with 2 to 10 stacks. The RapidPick Complete also includes a full enclosure and an integrated adhesive plate sealer and media dispenser, to assure protection from outside contaminants.

The RapidPick SP can be used stand-alone or integrated with dispensers, sealers and incubators

## RapidPick™ Colony Pickers

RapidPicks are simple yet robust picking systems that combine easy operation with high speed and durability. Available in 5 platforms:

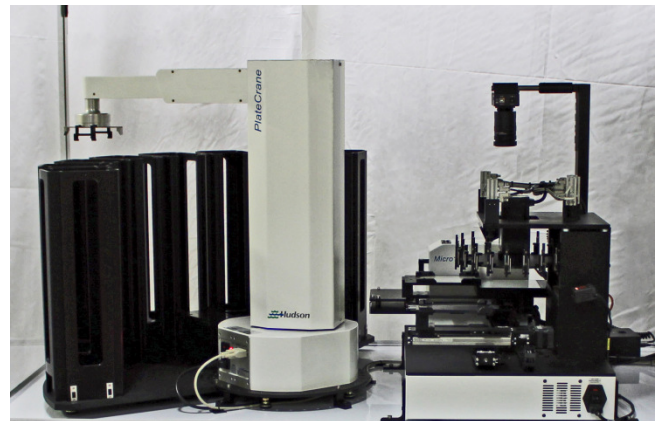
**Basic:** Automated, multi-pin colony picker with manually loaded source and destination plates.

**Lite:** Includes the Basic module, plus adds Hudson's PlateCrane robot arm plus 5 plate stacks for automated source and destination plate loading.

**Complete:** Adds robotic media dispensing and adhesive plate sealer, in a stand alone enclosure with optional UV and HEPA filtration.

**ASIC:** Adds Liconic automated shaking incubator to the RapidPick Lite or Complete.

**SP:** Economical, single-pin version, with the same user features and accuracy as all RapidPicks.



The RapidPick™ Complete



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## Applications

- **Colony Picking**

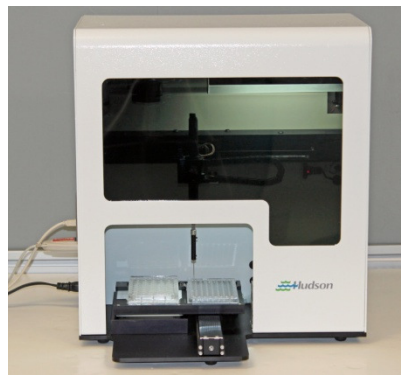
- Bacterial
- GFP
- Halo-forming
- Yeast

- **Re-arraying**

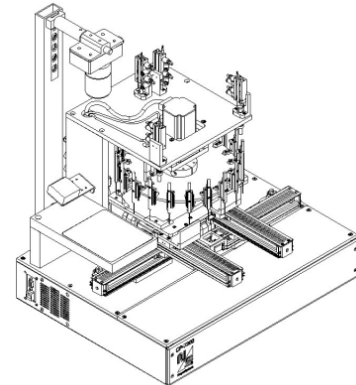
- 24-well into 96-, 384- well
- 96-well into 24-, 384-well
- 384-well into 24-, 96-well

- **Plate Replication**

- 24-, 96-, 384-well
- Deep-well Plates
- Standard Height Plates



The Single-Pin RapidPick™ SP



The RapidPick™ Basic

## Specifications

- LED light box is controlled in software improving ease of use
- Highest quality USB camera and lens
- Software/camera images whole plate in 1 image field
- 20 tungsten picking pins rotate 360° from picking to destination to vacuum wash bath to heater coil
- 360° rotation allows for continuous picking and processing
- Tungsten pins heat and cool quickly allows sterilization to be done with direct heat
- Barcode readers for source and destination plates are standard
- User selects colonies based on size, shape, separation from neighbors, blue/white
- Unlimited number of image parameter files for different users and sample types
- Pick from segmented plates using onboard masks
- Easy to use, easy to support
- RapidPick Basic Colony Picker measures only 17 in. x 21 in.

**Corporate Headquarters:**