

# RapidPick Harvester Colony Picker

*Ahead of the Curve.*

The Rapid Pick Harvester is an automated colony picker for stem cell clusters, microbial and fungal samples in microplates or omnitrays.

The **RapidPick Harvester™** identifies and extracts sample plugs of stem cell clusters, microbial colonies, or fungal samples grown on agar or in semi-solid media. It is uniquely easy-to-use, accurate and durable. The Harvester is a 2-in-1 laboratory instrument because it is an automated pipettor. It's easy-to-use software allows the researcher to automate multiple protocols. The SoftLinx Automation Software allows the researcher to build complex workcells controlling all of the Hudson Robotics instruments as well as over 200 3<sup>rd</sup> party lab instruments from other manufacturers.

Equipped with a digital camera, the Harvester allows the researcher to run the imaging program to automatically select qualified colonies across the colony plate, or the researcher can manually identify sample locations. The Harvester then stores the image and selection coordinates for later picking, or can be directed to pick the selected samples. The extracted sample plugs are then transferred to a media-filled growth plate for outgrowth and testing.

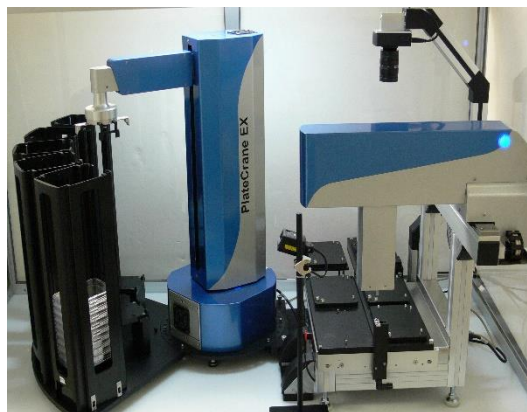
## Hudson Robotics RapidPick Harvester

The Harvester is also able to read the output files of cell imagers, like Brooks Automation's Celligo™, then go directly to the sample locations identified in their output files to extract individual plugs and transfer them to selected wells in a media-filled growth plate.

The Harvester's ease-of-use is extraordinary. Users can learn how to operate it with only minutes of training. They can view selected picking locations of sample plates if they wish, and, with a simple point-and-click, delete or add locations at will. This can be done either at the system, or at their office computer.

Options include automated media filling, seal application/removal and incubation.

- Compact space saving footprint with 4 nest positions
- Options of 4,6,8,10 nest positions
- Optional gripper for moving microplates
- Optional use as automated pipettor
- Optional automated media filling
- Optional microplate sealing
- Optional automated incubator integration
- Optional microplate barcode reader
- Easily fits in a standard hood or anaerobic chamber
- Fully compatible with robot microplate loading systems or can be used manually as a stand alone unit



**The Harvester Colony Picker**



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## About Hudson Robotics

Hudson Robotics has been manufacturing and integrating lab instruments for over 33 years. We work with many fortune 500 pharmaceutical and biotechnology companies on multi-million dollar projects. We design the production facilities for Assay Kit & Reagent manufactures as well as automate their R&D labs. We have OEM programs for rebranding our instruments by other instrument manufactures to sell in their Product lines. We can customize robots for your specific needs.

### **We Manufacture the following:**

- Large Integrated systems for Synthetic Biology, Protein Expression and other complex tasks.
- Robotic arms and track systems for moving microplates for High-Throughput Screening.
- Liquid handlers, automated pipettors, plate washers, reagent dispensers.
- A DNA/RNA/Protein/SPE extraction device: The FilterPress Workstation.
- Microplate barcode labelers and plate sealers.
- 3 models of colony Picker instruments.

All Hudson Robotics instruments and laboratory automation software are designed to easily integrate with instruments from other manufactures. We can provide hoods and tables to showcase your workcells.