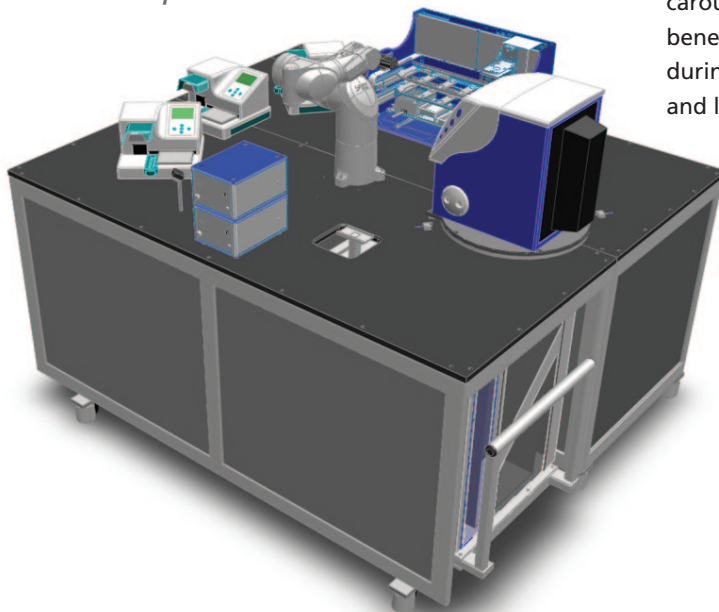


## Flexible Systems for Secondary Screening

*Automation of secondary screening assays is vital to ensure that hits generated from high throughput screening campaigns are reliably translated into leads. Yet, finite budgets and demands to operate in smaller laboratory spaces can make it difficult for secondary screening groups to implement effective automation solutions. HighRes' MicroCell Table™ provides a superior platform for high performance automated tabletop screening systems over a small footprint.*



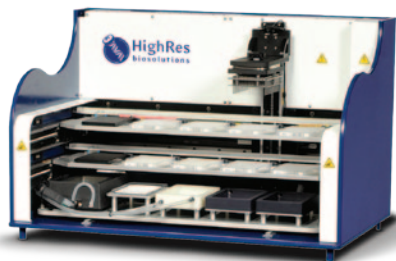
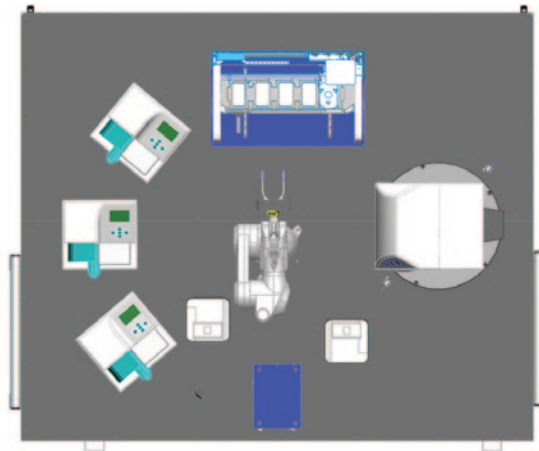
### Key Components:

- Environmentally controlled **incubators** store master compound and assay plates at specified conditions
- **HighRes MicroPin™ pin tool** technology allows for the direct transfer of low volumes of compound in DMSO to assay plates
- Single reagent **non-contact dispensers** can add a wide variety of assay reagents
- **Multimode reader** measures compound effects on biological targets and transmits data to a predefined destination
- **Gas-tight enclosure** (optional) allows for temperature, gas and humidity controlled operating environments
- **Under table docking** allows incubators, carousels and freezers to be positioned beneath the table for robotic access during automated runs, saving both time and lab space

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### Secondary Screening - MicroCell Table Inventory List:

- 1 x Stäubli Robot
  - 2 x Random Access Incubator
  - 2 x HighRes MicroLidder
  - 1 x HighRes MicroPin
  - 3 x Single Reagent Non-Contact Dispenser
  - 1 x MultiMode Plate Reader
  - 1 x Barcode Reader
- 



*HighRes Biosolutions MicroPin –  
High-Throughput Pin Transfer Tool*

### System Advantages:

**Reliable – and yet Compact** – Rely on industry-grade lab automation, over a very small footprint.

**Flexible** – Use HighRes' modular docking technology to transfer materials and equipment from one stage of drug discovery to the next smoothly, quickly, and intact.

**Interchangeable** – If your screening output increases, for example, simply replace the incubators with larger ones.

**Efficient** – To get the most out of the screening system, use Cellario™ (HighRes' scheduling software) to schedule additional protocols that can run during overnight incubation periods.

The Building Blocks for Discovery.

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