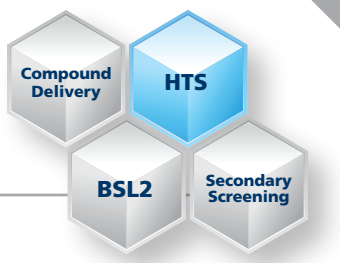
HighRes biosolutions

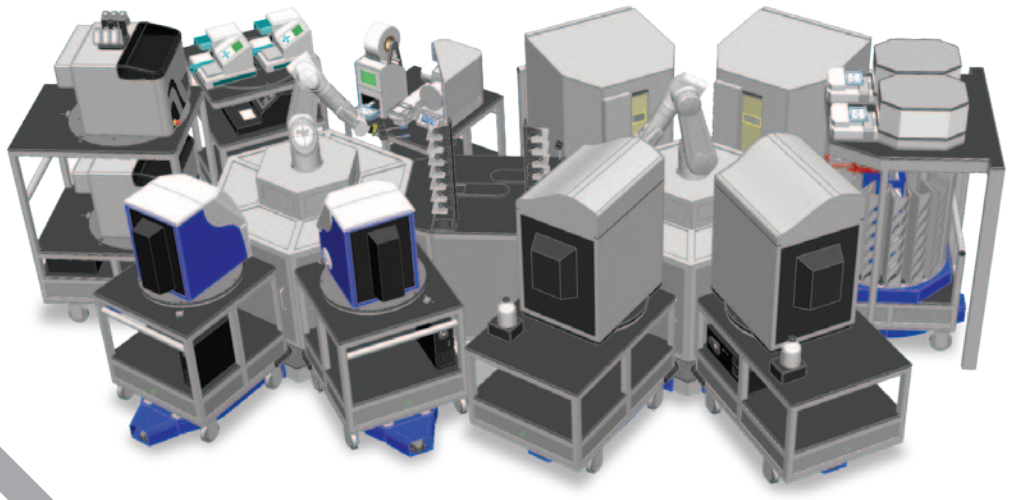


Flexible Systems for High Throughput Screening

High Throughput Screening (HTS) labs are required to screen ever-increasing numbers of compounds against an increasing number and variety of assay types. With a level of flexibility and adaptability unsurpassed in the world of automated systems, HighRes' MicroStar™ is ideal. It meets not only today's lab requirements; it also anticipates the easy exchange of today's components with tomorrow's technology.

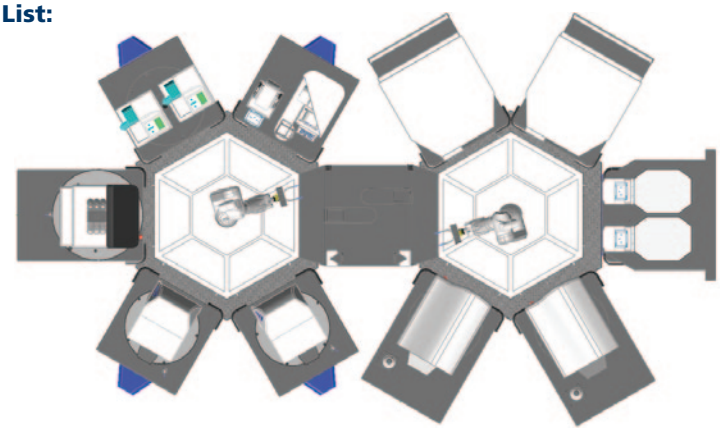
Key Components:

- **Dual Stäubli robot integration** allows plates to be transferred from one MicroStar unit to another via a plate exchange station
- Environmentally controlled **incubators** store master compound and assay plates at specified conditions
- **HighRes MicroServe™** quickly delivers as many as 770 MTPs to the screening system
- **Acoustic dispensing units** allow for direct transfer of compounds, cherry picking, or dose- response creation
- Single and multi-reagent **non-contact dispensers** can add a wide variety of assay reagents
- An **automated plate washer** enables ELISA and FLIPR assay processing
- **Multimode readers** measure compound effects on biological targets and transmit data to a predefined destination



HTS - Dual 6 sided MicroStar Inventory List:

2 x Stäubli Robot
2 x Random Access Incubator
1 x HighRes MicroServe
2 x Acoustic Dispensing Device
1 x Automated Heat Sealer
1 x Automated Heat Seal Remover
2 x Multi-Reagent Non-Contact Dispenser
2 x Single-Reagent Non-Contact Dispenser
2 x Automated Plate Centrifuge
1 x Automated Plate Washer
2 x MultiMode Plate Reader
2 x Lid Hotel
2 x Barcode Reader



HighRes Biosolutions
MicroServe – High-Density
Labware Handling

System Advantages:

Flexible – Reconfigure the system by docking new dispensers and plate readers that are best suited for the experiment being conducted.

Economical – Plug and unplug instruments from the dock. Save money by eliminating the need to purchase duplicate devices for off-line validation. Save time by eliminating revalidation work (since the very same equipment can be used for both off-line and automated testing).

Sustainable – As screening requirements change and technology evolves, simply undock obsolete instruments from the system and swap them for new ones. The old instruments can always be docked into the system again if needed.

Efficient – Run complete protocols across the entire system, or if appropriate, split tasks and run them in parallel on the two separate units.

The Building Blocks for Discovery.

HighRes Biosolutions
299 Washington Street
Woburn, MA 01801
Tel 781.932.1912
Fax 781.938.0813
www.highresbio.com