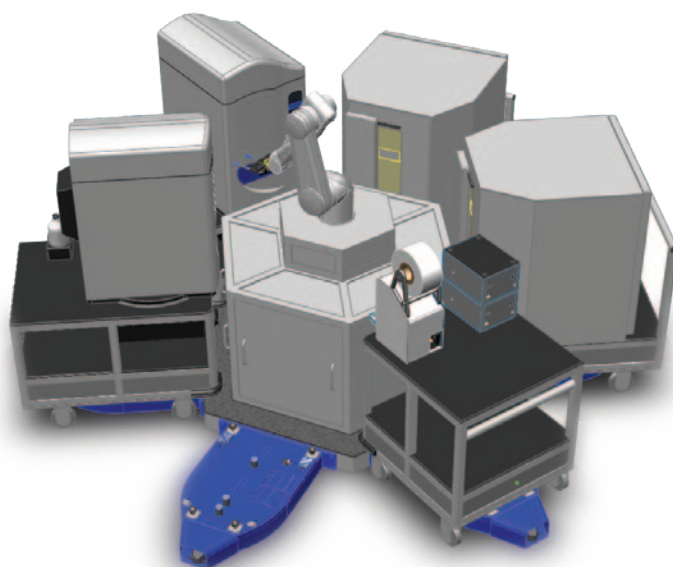


Flexible Systems for Compound Delivery

Transferring a compound collection to a set of assay plates in a reliable and controlled way is key in the drug discovery process. Thanks to breakthroughs in the development of acoustic dispensing technology, compounds in DMSO can now be transferred to assay plates without risk of compromise to them. The system described below demonstrates how this technology can be integrated into the HighRes MicroStar™ to increase flexibility and reliability in the delivery of compounds to destination plates.

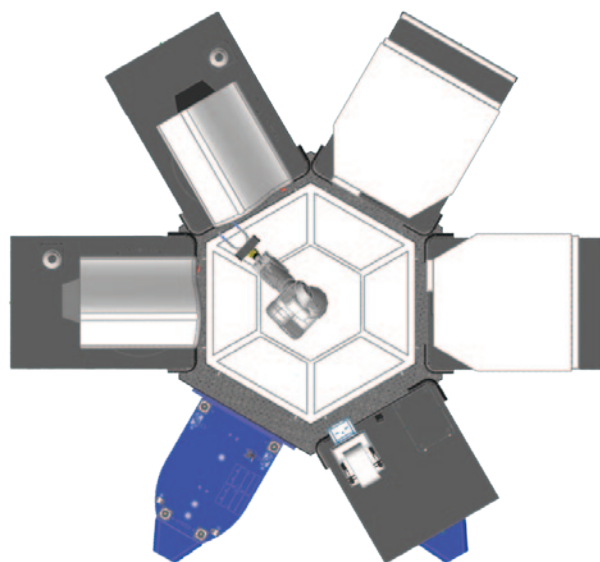
Key Components:

- Environmentally controlled **incubators** store master compound and destination plates at specified conditions
- **Corning MicroLids** protect the integrity of master compound plates
- **HighRes MicroLidder™** mechanically removes Corning MicroLids from plates
- **Acoustic dispensing units** allow for direct transfer of compounds, cherry picking, or dose-response creation
- **Automated heat sealers** seal prepared destination plates
- A **barcode reader** tracks master compound and destination plates as they move through the system

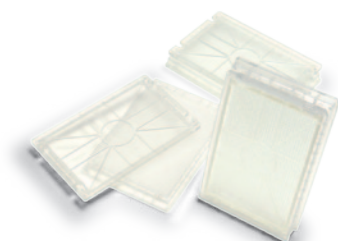


**Compound Replication –
6 Sided MicroStar Inventory List:**

- 1 x Stäubli Robot
 - 2 x Random Access Incubator
 - 2 x HighRes MicroLidder
 - 2 x Acoustic Dispensing Device
 - 2 x Automated Heat Sealer
 - 1 x Barcode Reader
-



*HighRes Biosolutions MicroLidder –
Automated Plate Lidder/Delidder*



*Corning MicroLids and
microtiter plates*

System Advantages:

Flexible – Modular equipment and simple connections to the MicroDock™ allow for the transfer of materials and equipment from one stage of drug discovery to the next smoothly, quickly, and intact - without risk of compromise to compounds.

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

Sustainable – As 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.

Adaptable – Customize Cellario™ (HighRes' scheduling software package) to allow for seamless integration with your laboratory information management system (LIMS).

The Building Blocks for Discovery.

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