

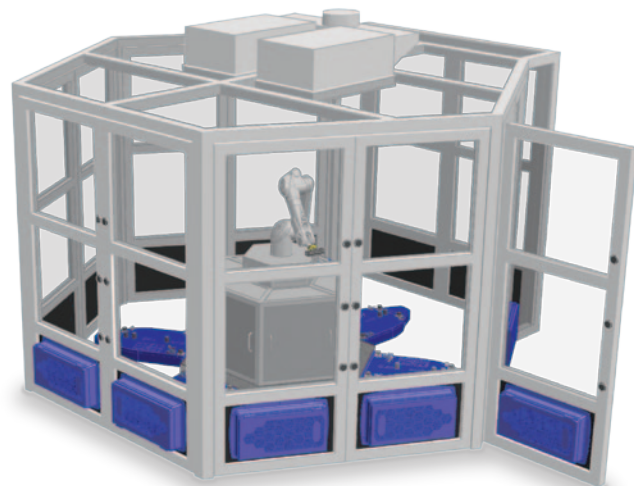
Flexible Systems for Biosafety Level 2 (BSL2) Screening

Screening compounds for potency against microbial agents represents a rapidly growing area in drug discovery. Running such assays at high throughput, however, poses unique challenges. First, automation procedures must be enclosed to BSL2 standards to protect both the operator and the environment. And second, these systems must be easily adaptable, so that technicians can take full advantage of evolving technology in this area.

MicroStar BSL2 meets these challenges. As the only fully automated BSL2 platform available to the life science community, it meets government safety guidelines, even as the unique MicroDock™ technology still allows for a high level of operational flexibility.

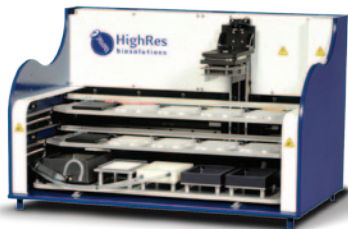
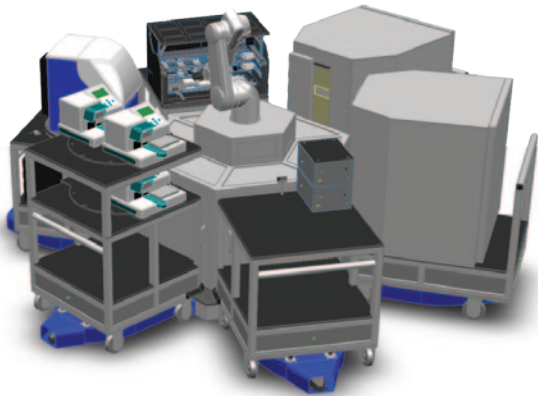
Key Components:

- **Class 2 Biological Safety Cabinet**, with inlet and outlet HEPA filters, provides protection to assay reagents, the operator and the environment
- 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
- A **barcode reader** tracks master compound and destination plates as they move through the system

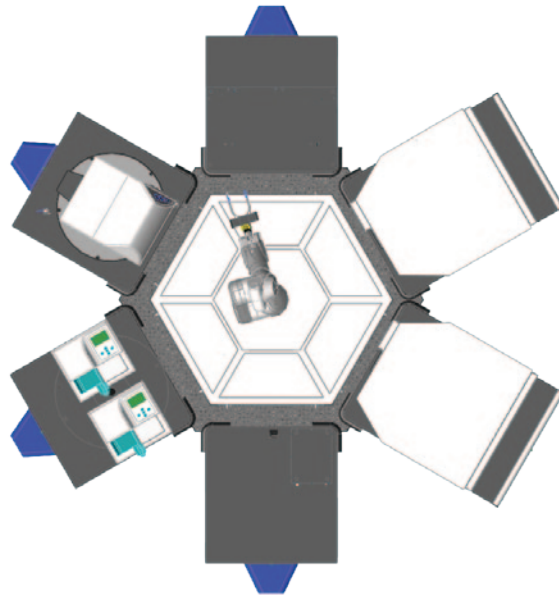


BSL-2 - 6 Sided MicroStar Inventory List:

- 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:**

Flexible – Reconfigure the system by docking new dispensers and plate readers that are best suited for the experiment being conducted. The containment structure is easily opened to allow movement of devices in and out of the system.

Fully Automated – Centralize high throughput BSL2 screening steps on one system and eliminate the risks associated with moving microplates from one containment environment to another.

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.

Safe – Rest easy. The system is very easy to decontaminate, as our high-grade surface materials are resistant to spills and chemical cleaning products. Also, all solid and liquid waste generated is stored in a sealed environment to allow easy and safe removal upon run completion.

The Building Blocks for Discovery.

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