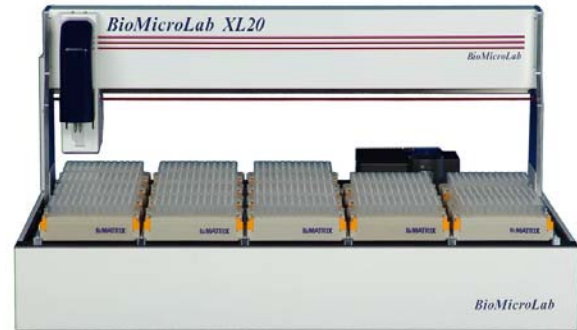


BioMicroLab Overview

- BioMicroLab, Inc. - Located in Concord, CA – East Bay
- Manufacturing company focused on benchtop laboratory robotics
- Fully integrated sales, engineering, and manufacturing in one location
- 2004 launched the XL20 Tube Handling Instrument
 - Today over 150 XL20 Tube Handling Instruments worldwide
- Other BioMicroLab products: VolumeCheck & SampleScan 2D Readers
- 2008 launched the **NEW** XL100 Vial Handling Instrument



XL20 Tube Handling Instrument – sorts, decodes and weighs 2D barcoded tubes



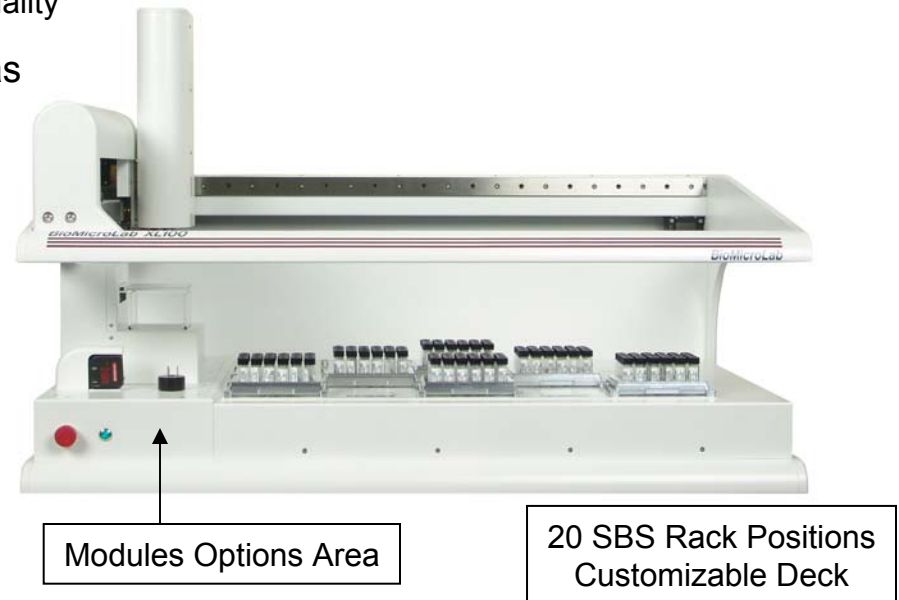
VolumeCheck – detects well volume



SampleScan – 2D Readers

XL100 Vial Handling Instrument

- Beyond the XL20 Tube Handling Instrument
 - Vials ~18mm diameter x 100mm tall
 - Increased amount of tubes, vials, and modular functionality
- Similar operation, robotics, and software interface as the XL20 Tube Handling Instrument
- Easy transition between vial sizes
 - User-definable labware files
 - Interchangeable pick-fingers
- Modules Options
 - Linear Barcode Reader – MS-2 Microscan
 - 2D Barcode Reader – BioMicroLab
 - Analytical Balance – Mettler Toledo
 - 0.1mg – 4-place balance
 - 0.01mg – 5-place balance
 - Decapper/Recapper - BioMicroLab
 - Third-party robotic integration via XL100 Software Developer's Kit



Benchtop vial handling system

XL100 Vial Handling Instrument

■ XL100 Applications

- ❑ Automate routine and repetitive sample sorting tasks
- ❑ Combine multiple manual tasks in one instrument
 - Decode
 - Weigh
 - Decap
- ❑ Automate sample receipt processing
- ❑ Walk-away vial decapping
- ❑ Future: Compound dissolution via liquid handling



XL100 Benchtop Vial Handling System

XL100 Vial Handling Instrument

Customizable Sorting Platform

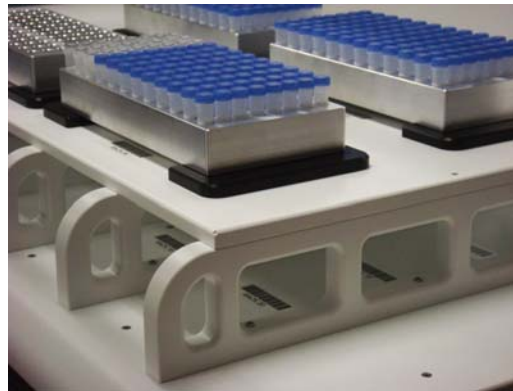
- BD Vacutainer – 24 well 16mL vials
- 2D Barcoded tubes - Matrix, Micronic, and ABgene
- Beckman - 2mL screw cap vials
- Tecan – 1 x 16 2mL screw cap vials
- One Dram Vials – 4mL glass vials – not shown
- Corning/Nunc Cryovials – frozen sorting options – not shown
- Price: XL100 with 1D Reader starts at \$55,000.00



Decoding Vacutainer linear barcodes



Decoding 2D barcoded tubes



Beckman Racks with 2mL screw cap vials



Tecan Racks with 2mL screw cap vials