

# Capping & Decapping Module

Available Integrated with the XL100 & XL200 Vial Handlers



## Accelerate Sample Processing with Integrated Capping!

The XL integrated capper / decapper is an unattended vial capping system that automates adding and removing screw caps from common laboratory vials. It is designed to integrate capping with other robotic functions: re-array, barcode decoding, volume detection, liquid handling and decapping, including operations such as:

- Dispense and cap
- Label and cap
- Fill, verify volume and cap
- Confirm 1D and/or 2D barcode
- Decap incoming samples
- Decap and weigh to verify sample volume
- Print and apply labels to vials



### Decapping Operating Modes

- Decaps a vial and discards the cap
- Decaps a vial and holds the cap while the vial is weighed, then recaps

### Capping Operating Modes

- Provides a source of fresh caps
- Dispense a fresh cap for application to a vial



XL100 with Carousel Cap Feeder



## Cap Feeders Supply New Caps—XL100 Only

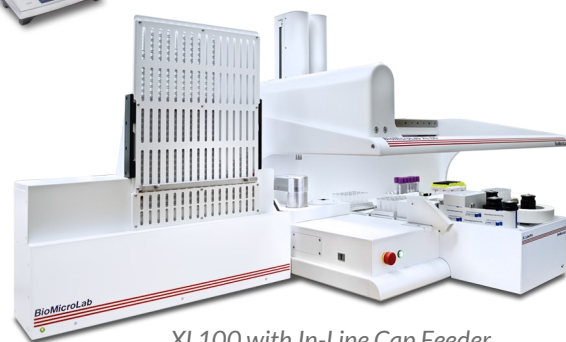
During de-capping, vials are held and rotated in place while a cap clamp lifts and removes the cap. The cap can then be either discarded, or held and placed back on the same vial. **To re-cap with a new, unused cap, automated Cap Feeders attach to the side of the XL100 Vial Handler and supply fresh caps for a variety of screw cap vials.** Cap Feeders do require the decap/recap module. Software includes a feature to selectively apply multiple cap colors. *Cap feeders are not available on the XL200.*

### Carousel Cap Feeder

- Typically for 4mL glass vials, Holds up to 480 caps

### In-line Cap Feeder

- Typically for Sarstedt 2mL plastic vials, Holds up to 480 caps



XL100 with In-Line Cap Feeder

*Request a Quote for your XL100 or XL200 configured with the Capping Module*  
[biomicrolab.com/vial-handlers](http://biomicrolab.com/vial-handlers)