

# CAPPING - DECAPPING

## BioCap High Speed Screwtop Decapper/Recappers



The BIOCAP series are very compact high-speed Column Decapper Recappers for screw-top microtubes with SBS footprint racks.

The BIOCAP-8 automates the decapping and recapping process for one column (8 tubes) at a time, from row 1 to row 12. By decapping one column at a time contact with the atmosphere and the danger for contamination are minimized.

The BIOCAP-24, BIOCAP-48, & BIOCAP-96 provide high-speed decapping and recapping for all tubes at once, a rack of 24, 48, or 96 respectively. These can hold the decapped caps until they are to be put back on, or send them to waste and put new caps on.

When recapping, the screw tops are matched to their original tubes and each receives the same torque to ensure optimal seal quality and consistency. Factory mechanical calibration of the seal torque is done according to the tube manufacturer's specification.

The BIOCAP-Multi is configured with an exchangeable pin plate which allows usage with different brands of tube in 96 or 24 format, allowing the flexibility to use the unit for different tubes.

All BIOCAP models are available as a RS232-controlled computer-driven model for integration into a robotic workcell or as a manually-operated standalone version.



<b>Media</b>	Matrix and Micronic Screw-cap microtubes, Nunc Cryobank vials and Bank-it, Sarstedt Micro Tubes, Greiner Tubes.*
<b>Interface</b>	PC with RS232 communication.
<b>Cycle Time</b>	BIOCAP-8: ~ 15 seconds to decap or recap 8 tubes. BIOCAP-96: ~ 100-120 seconds for 96.
<b>Dimensions</b>	BIOCAP-8: 10.7"W x 13-18.7"D (tray in/tray out) x 11.1"H / 270W x 335-475D x 280H mm BIOCAP-24/48/96/Multi: 11.5"W x 13.4-23.2"D (tray in/tray out) x 11.1"H / 290W x 340-590D x 280H mm
<b>Weight</b>	40 lbs. / 18kg
<b>Electrical</b>	110 - 230 VAC

\*Other types of tubes may also be possible to decap. Please contact us for more information.

