

AutoCap



automated capping and decapping

Scale your tube handling workflow and eliminate repetitive strain injuries typical of capping and decapping tasks with the BioMicroLab AutoCap!

features

- User friendly 7-inch color touch screen interface
- Compatible with major tube manufacturers from Matrix, Micronic, FluidX (Azenta), LVL & more
- Compatible with 96 format tube sizes from 0.3mL to 1.4 mL
- Simple, easy-to-use operation and troubleshooting

advanced cap tool system

- Capping mechanism supports a wide range of screw top cap types, ensuring compatibility with your future labware
- Easy to change tools to support changes in labware
- Torque sensitive capping to prevent cross threading tubes
- Cap or recap by column or row for increased reliability and flexibility

Labware Supported	Cap Type	Cap Part Number
Micronic	External Thread, External Thread IG, Internal Thread, Low-Profile Internal Thread	MP538XX, MP5387X, MP5388X, MP531XX, MP5335X, MP5330X, MP5332X
Thermo Matrix	Internal Thread Co-Mold, Internal Thread O-ring (legacy cap)	4470
FluidX (Azenta)	Internal and External Thread Caps	66-63100, 68-53100
LVL	Internal and External Thread Caps	IT96, XT96
Inquire about other manufacturers and cap types!		

AutoCap capper decapper

LIMS & lab automation features

- Networkable
- Portrait or landscape rack orientation capable
- Easily configure or add new labware using touchscreen interface or host PC

detailed features

- Easy to read 7-inch colour touchscreen panel.
- Minimize sample contamination risk with reliable column or row based capping and decapping
- Rack holder automatically slides in and out to a designated position for the tubes to be placed either manually or, when needed, by a robot
- Flexible torque settings for all your lab's labware
- Stores caps after decapping while tube rack is processed.
- Cap carriers are reusable and autoclavable
- Provides PC or local laboratory network control
- Cap tools made from brass for longest lasting performance. 14 included with each instrument (12 + 2 spares); additional tools can be purchased separately



Specifications	Dimensions:	29.2 x 64.7 x 31.75 cm (11.5" wide x 25.5" deep x 12.5" tall); Tray extends to 84cm (33") deep
	Weight:	16 kg (35.3 lbs.)
	Electrical:	110-220 VAC 50/60Hz
	System requirements (if running integrated):	Windows 10, 8, 7 • 2GB RAM • One USB port
	Interfaces:	USB-A interface port, RJ-45 network interface, and BioMicroLab automation interface
	Throughput:	Reliably Cap or Decap 96 tubes in under 3 minutes