

AutoCap Dispenser

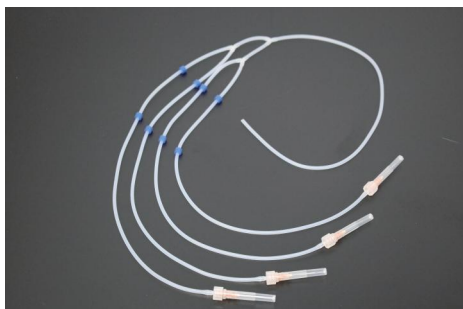
The Hoefer Autocap Dispenser is a fully automated solution designed for the efficient dispensing of cells, reference standards, and reagents. Compatible with a wide variety of sample tube brands and types, it supports 6-channel and 8-channel configurations to simultaneously decap, recap, and dispense with precision. Delivering high efficiency, reliable consistency, enhanced safety, and contamination-free operation, the Hoefer Autocap Dispenser sets a new benchmark for automated laboratory workflows.



Features and Benefits

- Automated Operation – Easily handles filling of standards, bulk cells, reagents, etc.
- High efficiency – up to 2,000 sample tubes per hour.
- High consistency – dispensing volume error <5%.
- Flexible configuration – 6/8 channels, filling range 50µL–2mL.
- High precision – repeat positioning accuracy 0.02mm.
- Enhanced Safety – Disposable sterile consumables eliminate cross-contamination.
- Minimal Exposure Time – Exposure time is as short as 10 seconds, reducing contamination risks.
- Equipped with UV sterilization lamps for module disinfection.
- Integrated compact cabinet – space-saving, portable, suitable for biosafety cabinet operation.

① Sterile single-use dispensing tubes prevent cross-contamination.



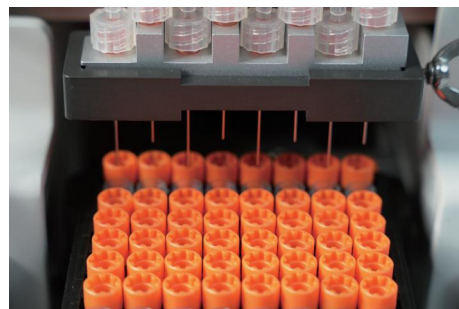
② Simple setup with fixed stand enables fast and easy operation.



③ High-throughput precision dispensing ensures consistent results.



④ Compatible with multiple cryovial tubes, no extra adapters required.



Specifications

	ST-ACD02	ST-ACD03
Parameter	6-channel model	8-channel model
Filling Volume Range	100 μ L–2 mL	50 μ L–1 mL
Maximum Flow Rate	32 ml/min	
Speed Adjustment Resolution	1 rpm	
Error Precision	$\leq 5\%$	
Dimensions, W×L×H, mm	400×510×400	
Cap Handling		
Positioning Accuracy	Positioning Adjustment, Positioning Tolerance: ± 0.05 mm	
Specifications	Capping/decapping for 6 tubes	Capping/decapping for 8 tubes
Motion Module		
Speed	Max 150 mm/s	
Positioning Accuracy	± 0.02 mm	
Operating Environment		
Power Supply	220 VAC, 300 W	
System Power	200 W/AC 220V/50Hz (Voltage fluctuation range $\pm 5\%$; requires stabilizer if exceeded)	
Grounding	Class D (Ground resistance $\leq 100 \Omega$)	
Temperature	10~35°C	
Humidity	$\leq 90\%$	
Oil Mist	Not allowed	
Condensation	Not allowed	

Ordering Information

Cat. #	Description
ST-ACD02	Hoefer AutoCap Dispenser, 6-channel
ST-ACD03	Hoefer AutoCap Dispenser, 8-channel