

LIQUID HANDLING

BioFill Vial Filler and Capper

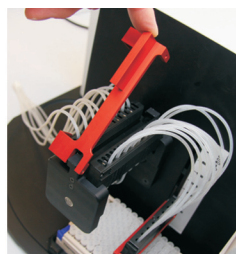
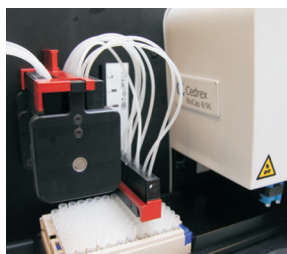


The BioFill is an automated platform for dispensing liquids into screw-cap vials in combination with automated decapping and recapping. The BioFill is based on automatically decapping, dispensing cell suspensions and other liquids into microtubes and recapping the tubes in a 24, 48, or 96 rack SBS-1 footprint.

The BioFill can also be ordered as an integrated solution with stackers and robotics from Biosero. This will allow walkaway processing for multiple vial racks, and even potential integration into larger automated workcells.

The BioFill can also be integrated with the BioLabel tube-labeling system from Biosero, providing a complete filling/capping/bar code labeling solution.

- Decapping, dispensing and recapping one column (4, 6, or 8 tubes) at a time re-using the old caps
- Decapping, dispensing and recapping one column (4, 6, or 8 tubes) at a time, but with waste of old caps and recapping with new caps from cap storage.
- Use the combination decapper/recapper and dispenser unit for decapping, dispensing and recapping - as stand alone system.
- Use the combination decapper/recapper and dispenser unit for decapping, dispensing and recapping - integrated in a robotic bench with e.g. stackers.
- Use the decapper/recapper alone as a tube decapper/recapper.
- Compatible with all Tube Types: Nunc, Matrix, Micronic, MatriCal, Abgene, REMP.
- Easy operator interface simplifies training.
- Minimum distance between the decapper/recapper part and dispensing point.



The dispensing unit is provided with microprocessor-controlled precision peristaltic pump with 3-stop tubes. Dispensing volumes set via finger touch control panel or operation via PC. The tubing comes packages sterile and calibrated for quick and easy tubing changes.

Important - by dispensing only 1 open column at the time sample contact with the atmosphere and the danger for contamination is minimized.

The BioFill is easy to operate and fits within a culture cabinet or Class II hood.

Specifications

Software	Built-in control GUI.
Media	Nunc 24, 48 or 96; Micronic 96; Sarstedt 24; Greiner 24 or 48; Corning 24. Operates on capped as well as non-capped tubes. Other formats can be processed on request.
Flow Rates	5 - 2000 ul/min; +/- 2% CV at 5 ul.
Ordering Info	CSD 8/96 8-channel BioFill Dispenser (please specify tube brand and model) CSD 6/48 6-channel BioFill Dispenser (please specify tube brand and model) CSD 4/24 4-channel BioFill Dispenser (please specify tube brand and model)
Dimensions	725mm W x 275mm H x 455mm L / 28.5" W x 11" H x 18" L Fits in standard Class II enclosures
Weight	30 kg / 66 lbs. (dispenser + capper)
Electrical	100 - 240 VAC, 50/60 Hz
Materials	All components with product contact are made from stainless steel, cabinet protection grade IP 54, Cabinet in soft steel with powder coating.
Tubing Cartridges	34-1001 8ch Large Tubing Cartridge with Resin nozzle(5ul-2000ul) 1 Cartridges per Case 34-1011 6ch Large Tubing Cartridge with Resin nozzle(5ul-2000ul) 1 Cartridges per Case 34-1021 4ch Large Tubing Cartridge with Resin nozzle(5ul-2000ul) 1 Cartridges per Case

