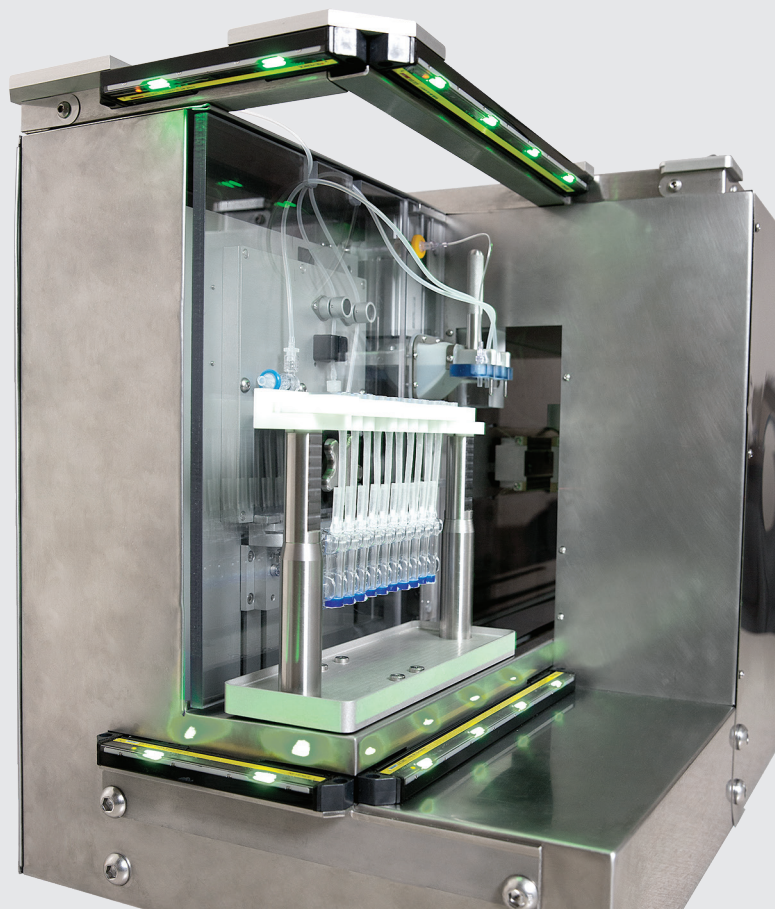


Rapid and accurate aseptic filling



CellSeal®

SEMI-AUTOMATED FILLING SYSTEM

The CellSeal Semi-Automated Filling System is designed to provide rapid, accurate and precise aseptic filling of products in CellSeal Closed-System Cryogenic Vials. The system's features include:

Process Start

- The holding chamber records the temperature of your product.
- The orbital table, which integrates with the holding chamber, agitates the solution prior to filling to maintain homogeneity.

Fill and Seal

- Increases throughput compared to manual filling.
- Provides automatic sterile filling of vial sets (10 vials per set) with the optional tubing segment that is included with each vial.
- Transfers fluid through a needleless Luer fitting between a nozzle on the single use, sterile transfer kit and a needleless Luer fitting port on the vial.
- Prevents fluid from being directly exposed to the heat-sealing site.

Data Collection

- The software on an external laptop logs the critical functional parameters of the system during operation to generate printable reports.



www.cellseal.com



The CellSeal Semi-Automated Filling System is designed for use with a transfer kit and CellSeal Closed-System Cryogenic Vials as shown above.

CellSeal®

SEMI-AUTOMATED FILLING SYSTEM

Key facts about the CellSeal Semi-Automated Filling System

Application	Aseptic filling in an ISO 5 (Class 100) environment
Output (1 mL fill)	Semi-automated operation. One vial set (10 vials per set) is loaded per step. Throughput is approximately 500 vials per hour*
Filling volume	Up to 5 mL
Filling accuracy (1 mL fill)	Greater than 95% accuracy of the target volume
Transfer kit volume loss	Fluid volume loss in the transfer kit is less than 1 mL per batch.
System dimensions	102 cm wide x 42 cm deep x 55 cm high
Utilities	Electricity** and compressed air
Cleaning	Compatible with most common cleaning agents and vapor hydrogen peroxide sterilization***

* With two operators, rate may vary with fill volume and product-specific flow limitations.

** 108-125/220-245 VAC 50/60Hz

*** Contact Cook Regentec for compatibility information on specific cleaning agents.

Compatible products

We also offer cryogenic boxes and freezing racks that allow you to store more vials in less space. Also, for sealing vials after loading, we offer the Radio Frequency Tube Sealing System.

Contact us

Please call +1.317.917.3450 or email CellSeal@CookRegentec.com for more information.



www.cellseal.com