

LyoStar® BI I/L Filler

Research & Development Filling/Stoppering/Capping Machine

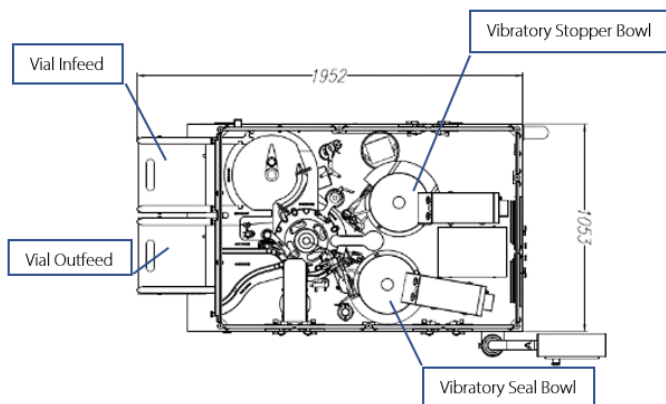


Specifications

Base Machine Dimensions	1053 mm x 1952 mm x 1300 mm
Working Surface	950 mm (approximately 37 in)
PLC	Allen Bradley/Siemens
HMI	Allen Bradley/Siemens
Vial Range	2 mL – 100 mL, glass or plastic
Main-Drive	Servo Motor
Safety Enclosure	Safety glass
Contact Parts	AISI-316L stainless steel or Peak
Machine Frame	AISI-304 stainless steel
Panels and Cover	AISI-304 stainless steel
Electrical Panel	Inside machine frame
Utility Requirement	208/240 Volt AC, 3 Phase, 60 Hz 400/230v 3 Phase, 50 Hz
Electrical Consumption	4 kW
Sterile Air	6 bar (88 psi) 550 l/m (20 scfm)
Weight	Approximately 800 kg (1760 lbs)
Production Rate	Up to 3000 vials per hour

Production Range

Vials	OD	Height	Output
	mm	mm	VPM
2	16	35	50
6	22	40	50
10	24	45	50
30	30	75	35
50	43	73	30
100	52	95	15



Overview

- Ideally suited for streamlining small scale filling operations
- When time is critical for efficient and consistent filling and stoppering to emulate the filling process in a production environment
- Quick and easy set up for changeover and flexibility to maintain recipe formats for different containers

Key Features

- Robust small footprint R&D filler for laboratory space
- Servo driven movement for filling operation
- Process 2 to 100 mL containers with star-wheel change part for different container sizes
- Vibratory stopper bowl for serum or lyo stoppers
- Option for tangential sealing mechanism for consistent seal and crimp application or snap & screw caps
- Built to meet cGMP and GAMP 5 compliance
- Option for integration with washer and tunnel or infeed for ready-to-use components
- Designed for liquid, powder or tablets
- Can be integrated with RABS or isolator or a standalone equipment
- Equipped with peristaltic or piston pump for easy set up