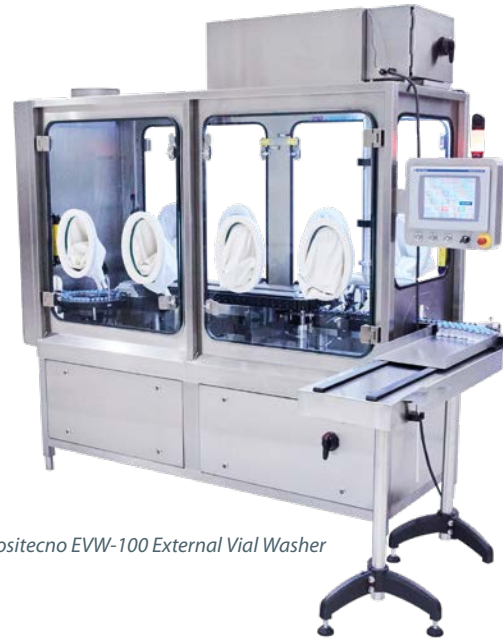


EVW-100 External Vial Washer



Specifications

Dimensions: (Length x Depth)	2095 x 845 mm
Working Height	851 mm - 978 mm (33.5 in - 38.5 in)
Height Of Safety Cabinet	2000 mm
Doors/Windows In RABS	Tempered glass (6 mm)
Side Panels	AISI-304 stainless steel
Top Cover On Frame	AISI-316L stainless steel
In-feed	As in line system through feed screw
Optional Connection To Upstream Isolator	With rotary table
Vial Timing Belts	Silicone, with molded cap holders
Out-feed	Through out-feed timing screw
HMI	Allen Bradley PanelView Plus7
PLC	Allen Bradley CompactLogix
Vial Diameter	14 mm – 58 mm (2 – 100 ml vials) larger vials are optional
Main-Drive	Servo motor (menu driven)
Vial Height Adjustment	Servo motor (menu driven)
Enclosure Sections	Tempered safety glass
Contact Part (Sanitary Piping)	AISI-316L stainless steel or FDA approved acetyl polymers
Temperature Monitoring	RTD
Pressure Monitoring	Pressure transmitter
Filter Housing (Option)	PALL
Water Consumption	8-15 L/min – wash program dependent at 4 bar
Utility Requirement	208 volt, three phase, 60 Hz
Blower	208 volt, three phase, 60 Hz
Weight	Approximately 1000 kg (2205 lbs)
Throughput	Up to 400 vials per minute

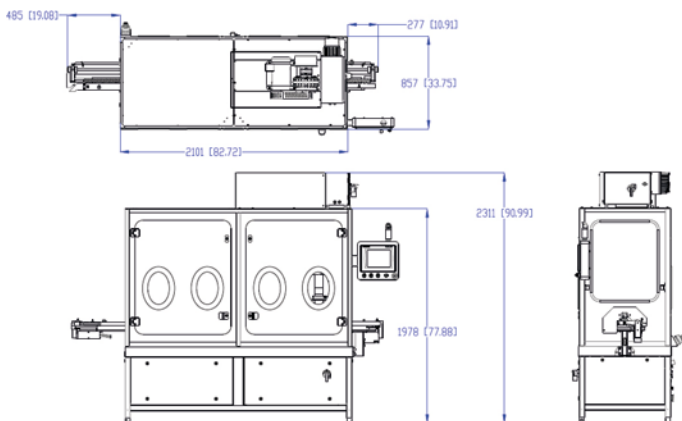


SP i-Dositecno EVW-100 External Vial Washer

Vials	OD	Height	Output
ML	MM	MM	VPM
2	16	33	400
5	20.8	41.3	400
10	24	45	400
30	30	75	400
50	42.5	73	200
100	52.6	94.5	200
250	64	150	TBD
500	77.5	177	TBD

Additional Options

- Isolator Integration With 15 Inch Accumulation Disk
- RABs Suitable For Gloves
- Glove Ports
- Exhaust Port
- Bag In And Bag Out Exhaust System
- Additional Compressed Air Drying Station
- Out-feed Loading Slip Tray
- Spray Wand
- Recycled Water Package
- Detergent Package
- Mechanical Cleaning Package
- Double Diaphragm Pump For Wastewater
- 21 CFR 11 Package
- UI Approved Electrical Cabinet
- Validation Documentation



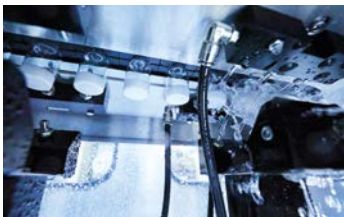
Features



No conveyors are used for vial transport as conveyors are difficult to clean.



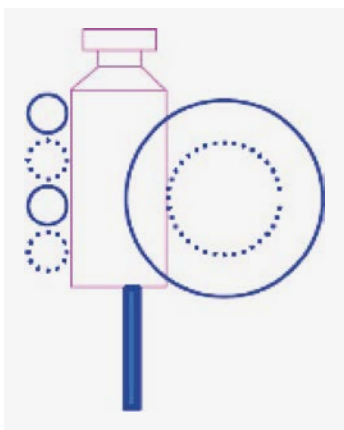
Vials are suspended by a linear transfer belt that seals and protects the cap from moisture.



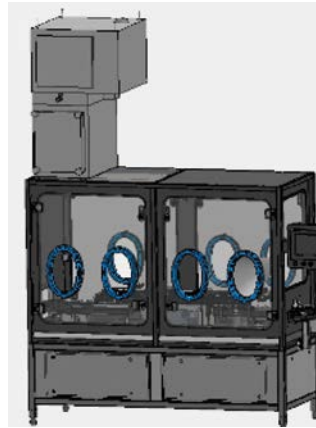
The position of the spray nozzles to the vial is per recipe (servo positioning) and therefore, the cleaning effectiveness per size can be validated.



The SP i-Dositecno transfer system uses a single feed screw to move vials across a stationary acetyl copolymer rail. Friction rails hold the vials within the feed screw pockets, so the vials rotate as they move linearly through the machine.



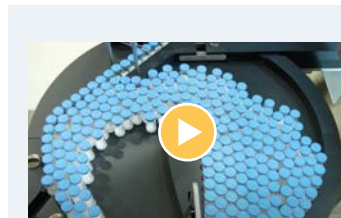
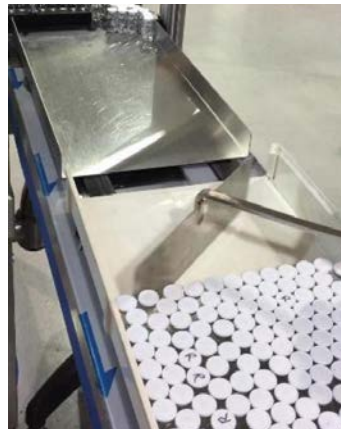
All surfaces of the vials are exposed to the cleaning and drying processes.



An air handling system can maintain a negative pressure in the enclosure in reference to the room and upstream isolator to provide containment as well as sterility assurance. A bag in and bag out option is available for high potency style products.



Vials can discharge from the machine onto a conveyor or crowd feed into a tray off collection area.



Watch Video

https://www.youtube.com/watch?v=irx4yivyxJ0&list=PLDkDgHjkrjNXBv_5vI6TLMkNjnpjh6mb&index=18