

## *Linear Vial Washing Machine DLVW-80/150*



The automatic linear vial washing machine is used for the washing of vials in the pharmaceutical industry. Linear vial washer comes in two models DLVW-150 and DLVW- 80. The model DLVW 80 has a capacity of washing 40 to 80 vials per minute where as DLVW-150 is capable of washing 60 to 150 vials per minute. Capacity of washing also depends on the size of vials or ampoules. Linear glass vial washer find application in a variety of industries like biotech, veterinary and pharmaceutical Industry. The machine is designed to consume less water and provide high efficiency. Different size of vials can be washed by the linear vial cleaning machine with the provision of change parts. Online vial washing machine is made up of stainless steel structure and covered with steel cabinet. Equipped with an infeed turn table, washing nozzles, conveyor and variable frequency drive the linear vial rinsing machine is ideal for washing of vials.

### **Process of operation**

The vials are fed to the infeed tray and transferred to the conveyor belt which aligns the vials in the accurate position. The vials are inverted by an infeed worm and fed to an indexing device. Water nozzles enter the vials and sprays the jets of water inside the vials. The water stops after the completion of washing cycle. The vials are indexed by the indexing device for the next washing cycle. An optional pumping station offers the correct amount of water at required pressure.

### **Salient Features:**

- Indexing device
- Adjustable washing cycles
- Safety clutch device
- Gear Motor for Main drive and conveyor
- Infeed conveyor belt system
- Change parts for different size of vials
- Contact parts made up of SS 316
- 4 Water Washes & 3 Air Washes

## Technical Specification

MODEL NO	DLVW-80	DLVW-150
Out put	40 to 80 Vial / Minute (Depending on Vial Size)	60 to 150 Vial / Minute (Depending on Vial Size)
Power Supply	Main Machine – 0.75 H.P 440 Volts, 3phase, 4 Wire system, 50Hz	Main Machine – 1 H.P 440 Volts, 3phase, 4 Wire system, 50Hz
	(3 Pumps – Pumping Station : 2.25 H.P. 440 Volts, 3Phase, 4Wire Systems, 50 Hz	(3 Pumps – Pumping Station : 2.25 H.P. 440 Volts, 3Phase, 4Wire Systems, 50 Hz
	(All electrical parameters can change as per customer requirements)	(All electrical parameters can change as per customer requirements)
Optional Accessories	3 Pumps Pumping Station	3 Pumps Pumping Station
Over All Dimensions	1700mm (L) X 650mm (W) X 850mm (H) (Main Machine)	2000mm (L) X 950mm (W) X 915mm (H) (Main Machine)
Input Specification	02ml To 20ml Vial	02ml To 20ml Vial
Utilities	Fresh Water – 5 Ltrs / Minute, DM Water – 10 Ltrs / Minute	Fresh Water – 5 Ltrs / Minute, DM Water – 10 Ltrs / Minute
	WFI – 5 Ltrs / Minute, Air – 30 CFM @ 5 bar	WFI – 5 Ltrs / Minute, Air – 30 CFM @ 5 bar
Change Parts	In feed Worm	Exit Feed Worm
	In feed Inverter	Exit Inverter
	In feed Star Wheel	Exit Star Wheel