



ECO COSMOS

Food Processing Equipments

Semi Automatic Filling Machines

Model No.: D – VD SERIES



- Several products can be filled with the same machine
- Volumetric filling machines that works with FESTO pneumatic system
- Easy to adjust and record the filling range by the numerator and the hand wheels
- Several filling ranges available starting from 2ml up to 5000ml
- Interchangeable nozzles are available according to the products, either it's liquid, viscous or/and products with particles
- Filling accuracy: $\pm 1\%$
- Suitable for hot and cold filling processes
- High surface smoothness and argon arc welding technology prevents contamination

- The parts in contact with the product are in 316L stainless steel. The rest is in 304 stainless steel.
- The nozzle, main valve and the filling piston are designed for an easy-cleaning. They can be dismantled easily without using any tool
- The seals are manufactured from teflon, viton or polyethylene according to the product to be filled
- The machines stands on a stainless steel frame which is supported by 4 castors. It can be easily move to anywhere. Table top models are available
- Ideal for the food, dairy, cosmetic, pharmaceutical, chemical and bakery industries.

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D SERIES

Filling Liquid and Semi Liquid Products

		D50	D150	D500	D1000	D2000	D5000
Filling Range (ml) (Min. - Max.)		5 - 50	15 - 150	50 - 500	100 - 1000	200 - 2000	500 - 5000
Capacity (Packages/Hour)		1800	1500	1000	720	600	420
Filling Range with Optional Cylinder (ml)		2 - 20	5 - 50	20 - 200	20 - 400	100 - 1000	150 - 1500
Air Consumption (Lt./min.)		100	100	300	300	300	300
Dimensions (mm)	W	606	606	680	680	680	680
	L	1094	1178	1731	2000	2105	2328
	H	1288	1291	1538	1558	1558	1613
Weight (kg)		50	50	110	120	130	150

SEMI AUTOMATIC FILLING MACHINES



D1000

D50



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VD SERIES

Filling Liquid, Viscous and Products with Particles

		VD50	VD150	VD500	VD1000	VD2000	VD5000
Filling Range (ml) (Min - Max)		5 - 50	15 - 150	50 - 500	100 - 1000	200 - 2000	500 - 5000
Capacity (Packages/Hour)		1800	1500	1000	720	600	420
Filling Range with Optional Cylinder (ml)		2 - 20	5 - 50	20 - 200	20 - 400	100 - 1000	150 - 1500
Hopper Volume (Lt.)		30	30	80	80	80	80
Air Consumption (Lt./min.)		100	100	300	300	300	300
Dimensions (mm)	W	606	606	740	740	740	720
	L	1050	1102	1620	1885	1980	2195
	H	1450	1450	1520	1520	1520	1520
Weight (kg)		70	70	120	130	140	160



SEMI AUTOMATIC FILLING MACHINES

VD50

VD1000



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ACCESSORIES



VD1000

SEMI AUTOMATIC FILLING MACHINES



VD1000



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NOZZLES & ACCESSORIES



Filling liquid & viscous products.



Filling liquid & viscous products.



Filling viscous products with particles inside.



Filling viscous products with particles inside.



Filling yeast for diary products.



Filling diary products.



Spout pouches filling.



Injection nozzle for bakery applications.



Cake Filling Nozzle.

SEMI AUTOMATIC FILLING MACHINES



Double Jacketed Hopper

Keeps the products at a constant temperature during the filling process. Includes a thermostat to heat the water or heating oil between the jackets. The required temperature can be adjusted from the control panel. Water or heating oil can be used between the jackets.



Agitator

Keeps the products inside the hopper homogeneous, and in case of using the double jacketed hopper, it spreads the temperature equally around product. Can be easily installed on KULP fillers without need of any modification during the production or after sales.



Transfer Pumps



Product Level Detecting Sensor



Foot Pedal



Backside Cleaning System



Additional Filling cylinders



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