KDL-980 Liquid Filing, Plugging & Capping Machine



This KDL-980DP machine is an automatic liquid filling, plugging & capping machine.

It is capable of filling small containers (2cc to 100cc) including eye-drops, vials, cosmetics, & other types containers. This monoblock type machine consist of bottle feeding, nitrogen air filling, liquid filling, plugging, and capping.

Suitable for pharmaceutical, cosmetic, nutrition, Food industries etc.

Features:

- The housing and surface are covered with stainless steel. All liquid contact parts are made from corrosion resistant stainless steel 316,meeting the standards of cG.M.P or FDA approved material.
- It only needs to change star-wheel, when specification of the bottle is changed. The height can be adjusted also. It is very easy to clean & maintain.
- The Monoblock machine is designed for automatic filling, inner plugging and capping onto small containers (eye drop ,vial, cosmetics).
- Accurate volumetric filling designed by ceramic cylindrical pistons , filling tolerance is within ∮1%.
- Ceramic filling piston and cylinder: able to wear away freely, able to be contaminated freely, with free particles and able to be cleaned easily.
- The liquid filler has adopted filling stages available for a gradual upward movement from the bottom of the bottle to prevent spills and the forming of foam.

- The capping system include cap vibrating feeding and capping with torque limiters that ensure caps are tightened.
- Inner plug feeding vibrator, ensure inner plug insert into bottle mouth smoothly.
- Automatic stop device for no bottle, no plug, no cap, low air pressure.
- Equipped with a torque limiter under the star wheel, in case machine stops due to crash of the container on the star wheel which in turn then protects the Index device.

Technical data:

	KDL-980 DP	KDL-980 DG	KDL-980 SP	KDL-980 SG	KDL-980 DV
Capacity	max.100pcs/min	max.100pcs/min	max.50pcs/min	max.50pcs/min	max.100pcs/min
Filling volume	2~60 ml	2~60 ml	2~60 ml	2~60 ml	2~60 ml
Power consumption	AC 220V,1.5KW single phase	AC 220V,1.5KW single phase	AC 220V,1.5KW single phase	AC 220V,1.5KW single phase	AC 220V,1.5KW single phase
Air consumption	6 kg/cm^2, 45L/min	6 kg/cm^2, 45L/min	6 kg/cm^2, 45L/min	6 kg/cm^2, 45L/min	6 kg/cm^2, 45L/min
Net/Gross weight	850 kgs/950 kgs	810 kgs/910 kgs	820 kgs/920 kgs	780 kgs/880 kgs	1450 kgs/1550 kgs