



## *CJXH-1600G Aerosol Filling Machine*



### **Machine Information**

Bag-on-valve machine has two heads seated on the working table, the first head combines the function of vacuum zing, propellant filling and crimping, more economic propellants are optional for customer such as N<sub>2</sub>, CO<sub>2</sub>, Air or even compressed air.

The second head is aiming to charge the liquid material into bag through the valve, since material is insulated into bag and will not touch propellant, thus this machine is widely used for pharmaceutical, food, cosmetic and other bag on valve products manufacturing. And there is no any limitation about water base, oil base or alcohol based liquid.

Bag-on-valve is a relatively recent development in aerosol delivery. The principle is simple in that, instead of filling a can with a mix of liquid material and propellant (usually inflammable) , the liquid material is sealed inside a collapsible inner bag and is expelled by a pressurized gas. Unlike traditional aerosols, the gas remains inside the can and, as it is usually pressurized air, the gas has no 'end-of-life' environmental impact.

BOV consists of an aerosol valve with a welded bag. The product is placed inside the bag while the propellant is filled in the space between bag and can. The product is dispensed by the propellant simply squeezing the bag when the spray button is pressed; the product is squeezed out of the bag by the compressed air/nitrogen, which creates the dispensing as a spray, cream or gel.

Therefore, your product keeps its integrity, remaining separated from the propellant at all times.

**Technical parameters:**

Crimping&gas filling capacity	600-1000cans/hour
Liquid Filling capacity	600-1000cans/hour
Liquid filling volume	Max 250ml
Filling accuracy	$\leq\pm 1\%$
Max air consumption	0.8cbm/min at pressure 0.7MPa
Dimension	(1000*590*1600mm)*2
Propellant	N2, CO2, compressed air