

## *LF-12 Tablet/Capsule Counter*



### **Working principle**

Products (A) are loaded into the 2 hoppers (B) manually or automatically (option), and then fed onto the 2 sets of three-grade vibratory plates (C). By adjusting the vibration frequency of the vibratory plates, the products can be allowed to move through 24 channels of the plates continuously and in single file. At the end of channels the products fall into 24 detection tunnels (D), where the products are counted with the help of combination of sensors (E) and control system. The counted products are collected on the nozzle gate (H). When the preset count is reached the tunnel gate (F) closes and in the meantime the nozzle gate (H) opens to allow the counted products in the funnel (G) to drop into the bottle via the nozzle (I). After the bottle is filled the nozzle gate (H) closes and the tunnel gate (F) opens. Meanwhile, the bottle positioning cylinders work to release the filled bottle and get the next empty bottle positioned under the nozzle.

### **Performance**

The counter LF-12 is a reliable, high performance machine, designed in conformance with current and proposed GMPs. Having a small footprint, they are effective in maintaining the integrity of a clean room environment. Few change parts are needed for different container sizes (only the nozzle). All product contact parts are made of type 316 stainless steel. And all contact parts can be easily disassembled for cleaning.

## Technical Parameters

Model	LF-12
Max. output	12,000 pcs/min
Fill qty.	1 ~ 1000
Product size	Thickness:3~10mm Dia:3~13mm
	Length:3~21mm
Container size	Dia.:20~100mm Height:40~240mm
Power supply	AC220V 50/60HZ
Wattage	3.7KW
Air pressure	0.5~0.7Mpa
Air consumption	260L/min, clean air
Measurement(L×W ×H)	Approx. 1980mm×1580mm×1740mm
Weight	Approx. 900kg