



## *ZBS-U Automatic Suppository Filling Sealing Machine*



This is a machine that has been developed for the production of suppositories in PVC, PVC+PE. Its working is completely automatic, pneumatically based, controlled by a programmable logic.

Principle of Operation Rolls of bits and pieces of plastic materials (PVC, PVC/PE) is formed with plastic-blowing methods above atmosphere pressure in suppository shell manufacturing machine, automatically enters embedment process.

After the mixed medicinal liquid automatically embed into the empty shell through high precision measure pump it is cut into bars of equal length fragment. Through setting in low temperature for a certain time, liquid-solid transmutation, it is charged into solid grain. Through process of plastic, seal, printing lot number and cutting, the finished product of suppository is made.

### **Technological Character:**

1. Plugged embedment, accurate position, no drops of medicine, not covered on the bottle and high precision measure.
2. Wide applicability, gelatin medium and traditional Chinese medicine with extremely difficult can be imbedded.
3. PLC programmable control and industrial men-computer operation, high degree automation, easy adjustment, high precision temperature control, reliable work and smooth operation.
4. Large capacity of liquid reserve, constant temperature, automatic control of mixing and surface of liquid.
5. Low position of medicinal packing, low labor intensity. Heat preservation equipment of circulation liquid supply and pipe, guaranteeing the medicinal liquid not become solid not become sold when the machine stops.
6. Small area, easy operation.

**Technical Parameter:**

Output	6000-10000 suppositories/h
Center Distance of Bullet	17.5mm
Center Distance of Duck Bill	26.25mm
Filling Volume	5ml/PC
Allowable Error of granular weightt	± 2%
Volume of storing fluid vessel	50L
Height of feeding	1400mm
Total Power	13KW
Pressure	0.6Mpa
Air Consumption	1.5M3/Min
Water Consumption	1000kg/h
Total Weight	2000kg
Overall Dimension	3500*3000*2500mm 3490×2900×2000mm
Shape of Suppository	Bullet form, torpedo form, duck-mouth form and other special form
Adaptable cementin	FA-glyceride FA-gelatin polyglycol