

## *BZS-III Type Semi-automatic Suppository Filling-sealing Subassembly*



Description: This machine which is manufactured by our company in the latest is mechatronics new equipment for producing suppository. It can finish filling automatically, take shape hypothermia, repair form, seal and shear mono plate.

### **Working principle:**

Drug fluid dispensed is filled to storing fluid vessel which lay stirring assembly and homeothermia system and observing fluid surface assembly, and drug fluid is beaten to dosing pump through stirring pump, then, they will pass six filling-mouths. As well as filling, they will enter into hypothermia stereotypia part, and they will finish converse from fluid to solid, in the end they will be sealed, repaired form and sheared to become shape.

### **Technical characteristic:**

1. Using special counting structure, high precise filling, accurate counting, non-dribbling drug, wear-resisting, it can be used to fill bigger gluing degree traditional Chinese medicine and gelatin group.
2. Using PLC written program control. High automatization degree, it can be used to produce various volumes and various forms suppository.
3. Matching stirring pump that is circulatory system continuously, this ensure that drug fluid don't coagulate when machine stop.
4. Using technique of heating to seal and repair form, suppository surface is smooth and glossy and equality in good order.
5. Possessing function of beating batch number.

### **Technical parameter**

1. Production: 3000—6000granulation per hour
2. Dosage error:  $\pm 2\%$
3. Dosage per granulation: 0.5-5g per granulation

4. Form of suppository: torpedo form, duck-mouth form, bullet-head form and other special forms.
5. Shearing granulation number of one plate: 1-10granulations
6. Power source: three-phases AC 380V
7. Power of whole machine: 7.8KW
8. Air pressure: 5kg/cm<sup>3</sup>
9. Consuming gas tolerance: 0.5m<sup>3</sup>/min
10. Overall dimensions: 4100×1600×2000mm (length×width×height)
11. Weight of whole machine: 700kg