



ZSA-1 Laboratory Suppository Filling and Sealing Machine Line



It can complete making shell forming, filling, condensation and sealing. The machine is made of PLC, HMI, because of its full-featured, small volume, low production, so it is used for research institutes and hospital preparations

The equipment is made of four parts:

1. Suppository belt machine
2. Suppository filling machine
3. Suppository condensation tunnel
4. Suppository sealing machine

Routing of the suppository equipment:

The rolled plastic sheet material (PVC or PVC/PE) → preheated→weld→Knurl →formed by blowing shape →do line in mouth→cut bottom line →perfusion filling→fixed formed by cooling→preheated→sealing →print production Lot # on above→ align the edge→count and cut

Working principle:

The packaging material (PVC, PVC/PE) is formed by pressure blowing. After this, it is done line in mouth and cut bottom line that guides the material to be filled automatically. Uniform solution is filled into the shell through high-precision devices automatically. It is guided into cooling position after being cut into strips. It is turned to solid from liquid in low temperature for some time. After this process it was turned into solid suppository. Finished suppository is manufactured by preheat in sealing position, sealing the mouth, print production Lot # on above, align the edge, count and cut

Technical characteristic

1. Using PLC and HMI, easy to operate, high degree of authorization.
2. Using inset filling, accurate in position, non-dribbling drug, non-hanging wall.
3. Be wide in suitability, can be used to fill high gluing degree gelatin group and the traditional Chinese medicine ware.
4. Barrel has a heated reservoir and blender.
5. Technical parameter

Technical parameter:

Production	1000-2000 granules/h
Dosage per granulation	0.5-4ml
Filling error	-0,05
Suppository form	bullet form, torpedo form
Center distance	17.5mm
Number of mould	1 granulation
Packing material height	58mm, thickness 0.14mm+-0.01mm
Volume of barrel	10L
Height of hopper	1500mm
Voltage	380V,50HZ,3P
Power	7kw
Air pressure	0.55-0.65mpa
Air consumption	1.0m ³ /min
Size	2700x1000x1800mm
Weight	1500kg