

GSJ-series Semi-Automatic Lab Suppository Production Line



GSJ-1B suppository filling production line has stable and efficient filling, sealing and other production processes, and production capacity of 1000-1500 pills per hour. Semi-automatic suppository filling machine differs from a fully automatic suppository production line in that the latter includes a suppository bottle forming function.

Filling

And one-time molding suppository for embedded type filling, filling accuracy $\pm 2\%$, filling material barrel has electric heating insulation system, the top is equipped with a uniform mixing machine in order to make drugs, drug by high precision in VAT filling pump into the filling head, a drug through the other end of the cycle to rest after filling material barrel filling again next time.

Sealing

After infusion, the suppository enters the sealing area: preheating mold (preheating), heating mold (heating), sealing die (batch number).

Technical parameter

| Model | GSJ-1B | GSJ-1L | GSJ-3L | GSJ-7L |
|------------------------------|--|--|-----------------|-----------------|
| Output | 1000-1500 pcs/h | 1000—2000 pcs/h | 3000—4000 pcs/h | 9000-12000pcs/h |
| Filling Valve Head | 1 filling head | | 3 filling heads | 7 filling heads |
| single dosage | 0.5—3.5ml | 0.5—5ml | 0.5—5ml | 0.5—5ml |
| Packaging Film | Prefabricated pipe | PVC\PE\PVC (thickness0.15mm) | | |
| Each distance of suppository | 17.4mm | | | |
| Stirring tank capacity | 20L | 20L | 30L | 70L |
| Adopt forming shapes | Prefabricated pipe | Bullet, torpedo and duck shapes and other shapes | | |
| Adapt Material | Synthetic fatty acid glycerol, glycerin gelatin, polyethylene glycol etc | | | |
| Air pressure | ≥0.6Mpa | | | |
| Air consumption/min | 0.7m3/min | 1.2m3 | 1.3m3 | 1.5m3 |
| Water consumption/h | 50kg (recycling) | | | |
| total power | 3KW | 4KW | 5KW | 7.5KW |
| Dosage allowed | <±2% | | | |
| Working voltage | 3P 380V 50 HZ | | | |
| Machine Weight | 550kg | 500kg | 1000kg | 2T |
| Overall dimensions(mm) | 2500*969*1819 | 2300*1200*1800 | 3600*1400*1800 | 5500*2000*2100 |