



## *BYG4/2/2-100 Eye-Drop Filling Machine Line*



Eyedrop Aseptic filling production line is consists of Automatic bottle unscramble, Air Rinser, filling plugging, capping, this machine for the application of round eye drop bottle or similar ones, auto accomplish bottle unscrambling, bottle conveying, air wash, metering packaging, plus stuffed inside and outside screw etc processes. The bottle loading/unloading is done manually, through loading turntable Ø500mm or automatic unscramble and unloading tray, or directly from a production line. The entire production process is completed laminar flow operating user the protection and protection, ensures that eye drops sterile production line. Meet new version of GMP requirements, production line also applies to other small-capacity plastic bottles

### **System components:**

- Store quantities of bottles, automatic unscrambling system
- Conveyor bottle, reject inverted bottle system
- Static elimination, air washing
- Precision Ceramics, bottle indexing system
- Vacuum pick and auto place system
- Constant magnetic torque, positioning capping system
- Aseptic laminar flow protection system
- Alternative peristaltic pump system instead of ceramic pump

**Technical Features:**

Kind of bottle	Round eyedrop plastic bottle or similar
Speed	90-120 bpm, 80~100bpm on 10ml~5ml
Filling volume	5ml~30ml
Filling nozzles	4
Bottle air washing heads	12
Plug placing heads	2
Capping heads	2
Filling precision	$\leq \pm 1\%$
Qualified bottle air washing	100%
Qualified plug placing	$>99.8\%$
Qualified cap screwing	$>99.8\%$
Compressed aire required	10m3L/h, 0.6-0.8MPA
Power	220V 50/60Hz 5kw
Machine size mm	Length 6780, width 2380, height 2000 (Exclude LAF)
Machine weight:	3000kgs