

HQ-ZYP8C2 高速喷雾剂灌装旋盖机**High speed spray filling capping machine:**

喷雾剂灌装旋盖机:主要适用于制药及化妆品行业圆型塑料瓶及玻璃瓶的上盖旋盖作业。该设备采用气缸加盖方式,模具夹紧定位,具有更换规格简单方便特点,该机传动采用机械传动,传动准确、平稳,具有损耗低,工作平稳,产量稳定等优点,触摸屏、PLC 智能控制,操作简单,人机对话方便;可与前端分装机连线作业,特别适用于批量生产。本机工作台面以不锈钢材料防护,整机符合 GMP 要求。

Spray filling capping machine: mainly suitable for pharmaceutical and cosmetics industry round plastic bottles and glass bottles of filling and top capping operation. The equipment adopts cylinder cap mode, die clamping and positioning, with the characteristics of simple and convenient replacement specifications. The machine adopts mechanical transmission, accurate and stable transmission, with the advantages of low loss, stable work, stable output, touch screen, PLC intelligent control, simple operation, man-machine dialogue; can be connected with the front-end sub-loading machine line operation, especially suitable for batch production. Based on stainless steel, the machine meets GMP requirements.

设备运行原理:理瓶-喷雾剂灌装旋盖机:

1、通过理瓶机整理好瓶子送到平板输送带上。



- 2、输送带运行瓶子到设定位置进行灌装。
- 3、灌装完成又通过输送带运行瓶子到转盘模具里面。
- 4、运行到设定位置，光纤检查到瓶子，气缸工作把盖子加到瓶子上（没有瓶子不会加盖）。
- 5、瓶子走到下一工位进行旋盖。
- 6、通过输送带把成品输送到下一工序。
- 7、本设备具有无瓶不加盖，旋盖松紧度可调，产量计数功能。

Principle of operation of equipment:Unscrambler bottle-Spray Filling Capping Machine:

1. The bottle is arranged and delivered to the flat conveyor belt;
2. The conveyor belt runs the bottle to the set position and fills it;
3. Complete filling and run the bottle through the conveyor belt into the turntable mold;
4. Run to set position, fiber check to bottle,cylinder work and put cap to bottle(No bottle no capping);
5. The bottle went to the next station to be capped;
6. Deliver the finished product to the next process through the conveyor belt;
7. The equipment has no bottle no capping,the tightness of rotary cap adjustable, output counting function;

灌装机主要技术参数 Main technical parameter:

生产能力 Produce capacity:	60-80 瓶/分钟(稳定产量)(Stable at 60-80B/m)
灌装头数 Filling heads:	8 个 8Heads
灌装方式 Filling methods:	不锈钢活塞泵 Stainless Steel Piston Pump
适应规格 Adaptation specification:	5-100mL(更换模具)(Replacement pumps)
加盖方式 Capping method:	气缸上盖 Cylinder loading cap
旋盖头数 Capping head:	双头 Double heads
生产合格率 Production qualified rate:	≥99.5%
电源 Total power:	220V、50Hz 3.5Kw
外形尺寸 Machine size:	2800×1520×1750mm

性能综述:1.机架结构:采用整体钢质框架（以前采用焊接成型机架，容易变形），螺母定位。

Performance review:1. Frame structure: integral steel frame (previously welded frame,



easy to deform),Nut positioning;

特点:防止硬力变形。表面涂层烤漆防生锈。

Features: prevent hard deformation. Surface coating baking paint to prevent rust;

机械部件情况 Mechanical components:

我们在材料运用，加工精度，热处理要求和加工件质量检验是至关重要。我们不惜工本加工稳定的精益求精，均采用高精度进口加工中心加工成型，材料选择优中求优，在质量把关上，严上加严，确保机器长期使用的稳定的高产量。

We take emphasis in material application, machining accuracy, heat treatment requirements and workpiece quality inspection. We do not hesitate to work at the cost of stable excellence, using high-precision imported processing center processing molding, material selection in the best, in the quality of closed, strict, to ensure the long-term use of the machine stable high output;

设备机架:碳钢底板用 1.2mm SUS304 钢板择包，台面由 1.2mm 不锈钢亚光面板，立柱 SS304 不锈钢板；

Machine frame :1.2 mm SUS304 steel plate for carbon steel plate ,1.2 mm stainless steel matte panel, column SS304 stainless steel plate;

配管可动部分硅橡胶软管 Pipe flexible silicone hose;

所有管路为自动氩弧焊焊接并所有内外表面机械抛光或电抛光；

All pipes are welded by automatic argon arc welding and all internal and external surfaces are mechanically polished or electropolished;

所有与介质接触的管道为 316L 材质 All pipes in contact with media are 316L material;

主要电器配置 Main electrical appliances:



名称 Parts name:	型 号 Model:	数 量 Qty:	产 地 Origin place:	品 牌 Brand:
小型断路器 Small circuit breaker	DZ47-63	1	浙江 Zhejiang	人民电器 Renmin Electrical
熔断器 Fuse Road	HG30-32	4	浙江 Zhejiang	人民电器 Renmin Electrical
交流接触器 AC contactor	3TB40	2	苏州 Suzhou	西门子 Siemens
开关电源 Switching Mode Power Supply	S-35-24	1	台湾 Taiwan	明纬 Meanwell
主电机 Main motor	Y8M2-4	1	瑞士 Switzerland	ABB
齿轮减速电机 Gear reducer motor	51K60R6W	2	上海 Shanghai	台崎 Taiqi
小型继电器 Midget relay	MY2NJ	3	上海 Shanghai	日本欧姆龙 Japan Omron
光纤传感器 Fiber optic sensor	BF3RX	1	日本 Japan	神视 Sunx
可编程控制器 Programmable control unit(PCU)	FXIS	1	日本 Japan	三菱 Mitsubishi
变频调速器 Frequency governor	FR-S520S E-0.75K	1	日本 Japan	三菱 Mitsubishi
人机界面 [计] Man-machine interface	5610ST-SA	1	德国 Germany	西门子 Siemens
电磁阀 Solenoidvalve	4V220-08	1	台湾 Taiwan	亚德客 AirTAC