

LYPG型喷雾剂、精油、滴剂灌装旋盖生产线

LYPG type spray, oil, drop filling filling production line.



整机描述

本机适应于10-100mL系列玻璃瓶或塑料瓶喷雾剂的灌装，上泵头及旋(轧)盖工作，广泛应用于医药、日化等行业，适应范围规格调整方便，设备定位准确，具有无瓶不灌装、无瓶不加盖、操作简单运行稳定等特点，可以单机生产也可以和前后的生产设备组成联动生产线。采用316L不锈钢活塞泵或蠕动泵方式灌装，针头采用虹吸针头，可解决针头滴液挂液情况发生，灌装精度高调整方便，易拆装、清洗、消毒作业，采用恒扭矩，自动打滑装置，确保瓶子不转动而保护不磨损瓶盖，符合GMP规范要求。

Complete machine description

This machine is suitable for the filling of 10-100mL glass bottles or plastic sprays, and the work of pump heads and rotary (rolling) covers. It is widely used in medicine, daily chemical and other industries. It adapts to a wide range of specifications, is easy to adjust, and has accurate positioning. It has no bottle no filling, no bottle no lid, simple operation and stable operation. It can produce single machine and link production equipment. The SS 316L piston pump or peristaltic pump is used for filling, and the siphon needle is used for the needle, which can solve the problem that the needle drips and hangs liquid. The filling accuracy is high and easy to adjust, and it is easy to dismantle, clean and disinfect. The constant torque and automatic slipping device are used to ensure that the bottle does not rotate and protect the bottle cap from abrasion, which meets the GMP specification requirements.



性能特点

1. 本机结构合理紧凑、运转平稳、规格调整操作简单、维护方便。
2. 灌装针头通过特殊的处理，确保无滴漏无起泡现象，装量更精确理稳定。
3. 设备配有无瓶不灌装、无瓶不加盖功能。
4. 针架上下运动采用伺服电机驱动，行程调整方便、运行稳定可靠。
5. 采用带有强磁扭矩盖头，可调式设计结构，扭矩可调节，确保旋盖紧度一致且不伤瓶。
6. 可根据用户需求配备安全防护防尘罩。
7. 采用触摸屏、PLC、变频调速，显示机器运行状态、故障显示诊断、故障自动停机等，使整个生产过程达到自动化控制。

Performance characteristics

1. The machine has reasonable and compact structure, stable operation, simple specification adjustment and operation, and convenient maintenance.
2. the filling needle is specially treated to ensure no leakage and foaming, and the filling volume is higher accurate and stable.
3. the equipment is equipped with the functions of no filling without bottle and no capping without bottle.
4. the needle carriage is driven by servo motor, with convenient stroke adjustment and stable and reliable operation.
5. with a strong magnetic torque cover, adjustable design structure, adjustable torque, to ensure the same degree of tightness and no damage to the bottle.
6. safety protection dust cover can be provided according to the user's requirements.
7. adopt touch screen, PLC, frequency conversion speed regulation, display machine operation status, fault display diagnosis, fault automatic shutdown, etc., so as to achieve automatic control of the whole production process.

设备参数technical parameters

适用规格 Size	10-100ml玻璃瓶或塑料瓶。	10-100ml glass bottle or plastic bottle.
产量 Capacity	稳定产量30-100瓶/分钟(需更换模具)。	Stable output of 30-100 pcs / min (need replacement change parts).
灌装头数 Filling head number	4-10头	4-10
旋盖头数 Capping head number	双头	Double
挂盖合格率 Qualified rate of hanging cover	≥ ±99%	More than or equal to 99%
轧盖或旋盖合格率 Pass rate of capping or screwing	≥ ±99%	More than or equal to 99%
气压和耗量 Air pressure and consumption	0.3-0.6/5-10m3/h	0.3-0.6/5-10m3/h
灌装精度 Filling Precision	≤ ±1%	Less than or equal to 1%
电容量 Capacitance	2.5KW 380V 50Hz	2.5KW 380V 50Hz
尺寸 Dimension	约3600 × 1560 × 1780mm (含供瓶机尺寸)	About 3600 × 1560 × 1780mm (including bottle feeder size)
机重 Machine weight	900Kg0	900Kg