

# LYDG-2型滴眼剂灌装加塞旋盖一体机

## LYDG-2 Eye drop Filling-stopper-capping machine



### 整机描述:

本机适用于制药、日化等行业滴眼剂产品的灌装加塞外旋盖,采用蠕动泵或陶瓷泵的灌装方式灌装,计量准确,方便调整适应性强,适用于5-20毫升瓶子的药液灌装;可根据产量需求进行适配相应的灌装泵。泵体及其它和药液接触部分均采用药用卫生级材料;工作台面以不锈钢材料防护,整机符合GMP要求。该机传动均采用机械传动,传动准确、平稳,无气源污染,各机构配合无误差等现象。工作时,噪音小,损耗低,工作平稳,产量稳定,特别适用于中小批量的生产。

### Machine Description:

This machine is suitable for filling eye drops in pharmaceutical, daily chemical and other industries with stoppers and external rotating caps. It adopts a peristaltic pump or ceramic pump filling method, with accurate measurement and easy adjustment. It has strong adaptability and is suitable for filling 5 to 20 ml of bottles; Suitable filling pumps can be adapted according to production requirements. The pump body and other parts in contact with the liquid medicine are made of medicinal and hygienic materials; The workbench is protected with stainless steel material, and the entire machine meets GMP requirements. The transmission of this machine adopts mechanical transmission, which is accurate and stable, without air pollution, and there is no error in the coordination of various mechanisms. When working, it has low noise, low loss, stable operation, and stable output, especially suitable for small and medium-sized batch production.



### 性能特点:

- 1、理瓶、灌装、加塞、上盖旋盖采用一体式结构,减少中间环节的污染。
- 2、本机配有上瓶、上塞、上盖的缓冲自净功能。
- 3、本机具有无瓶止灌、无瓶不加塞不上盖功能。
- 4、配备百级层流系统,确保灌装过程中的无菌灌装。
- 5、本机采用PLC和人机界面系统控制,运行平稳可靠。

### Performance characteristics:

1. The bottle unscramble, filling, stopper, and capping adopt an integrated structure to reduce pollution in the intermediate links.
2. This machine is equipped with buffering and self-cleaning functions for bottle filling, stopper, and capping.
3. This machine has the functions of no bottle no filling, no bottle no stopper, no cap.
4. Equipped with a 100 level laminar flow system to ensure sterile filling during the filling process.
5. This machine is controlled by a PLC and human-machine interface system, ensuring smooth and reliable operation.

### 设备参数technical parameters

项目Item	参数Parameters
稳定产量(瓶/分) Capacity(pcs/min)	25-50瓶25-50 pcs/min
瓶子规格(ml) Bottle size	5-20ml
旋盖头数 Number of capping heads	单头 Single Heads
旋盖合格率 Qualification rate of rotating cap	≥99%
气压(Mpa)及耗量 Air pressure (Mpa) and consumption	0.3-0.6/10-20立方/时 0.3-0.6/10-20 cubic meters per hour
灌装方式 Filling Way	蠕动泵 Peristaltic pump
灌装精度 Filling Accuracy	±0.5-2%
生产合格率 Production qualification rate	≥99.5%
电压(V)/频率(Hz) Voltage (V)/Frequency (Hz)	380V、50HZ
总功率(KW) Total power (KW)	3.5
外型尺寸(mm)(长×宽×高) External dimensions (mm) (length × wide × High)	约2650×1500×2450mm/Around 2650×1500×2450
净重量(kg) Net weight (kg)	1000KG