

NJP-300C/600C全自动硬胶囊液体灌装机

NJP-300C/600C Fully Automatic Hard Capsule Liquid Filling Machine

► 用途 (Application)

NJP-300C/600C主要用于制药行业和保健食品厂，专门用于将溶液、混合悬浮液、微乳或热溶液等液体制剂灌装到硬胶囊中。该机器广泛应用于各种制剂产品的生产，提供创新的给药方式，解决与药物相关的挑战。它特别适合涉及开发含有高活性药物和启用药物产品的制药公司和保健食品厂。

NJP-300C/600C is primarily used in the pharmaceutical industry and health food factories. It is specifically designed for filling hard capsules with liquid formulations such as solutions, mixed suspensions, micro-milks, or hot solutions. The machine is widely applied in the production of various preparation products, offering an innovative administration method and addressing medication-related challenges. It is particularly suitable for pharmaceutical companies and health food factories involved in the development of products containing high-active drugs and enabled drugs.

► 特点 (Features)

1. 触摸屏，PLC程序控制面板带LCD显示屏。

2. 胶囊真空定位机构，使胶囊合格率超过99%。

3. 可拆卸的粉料料斗，便于清洁和简便的螺旋调节，易于更改充填重量。

4. 轻松选择速度和关闭胶囊长度调整。

5. 电器设备控制系统符合CE和国际标准认证。

6. 快速准确更换零部件设置，易于拆卸旋转台和环载体组件。

7. 完全封闭的计量站和旋转台，用于整合整个胶囊充填工厂。

8. 大型凸轮机构使旋转台与整个设备保持平衡运行，完全保证机器以最高精度和准确性运行。

1. Touch screen, PLC program control panel with LCD display.

2. Capsule vacuum positioning mechanism, making the capsule qualified rate over 99%.

3. Removable powder hopper for easy cleaning and simple screw adjustment, easy to change the filling weight.

4. Easy to select speed and close capsule length adjustment.

5. Electrical equipment control system complies with CE and international standards certification.

6. Quick and accurate replacement of parts settings, easy to disassemble the rotary table and ring carrier assembly.

7. Fully enclosed metering station and rotary table for integration of the entire capsule filling plant.

8. The large cam mechanism keeps the rotary table in balanced operation with the entire equipment, fully ensuring that the machine runs with the highest precision and accuracy.



► 技术参数 (Technical Parameters)

参数ITEM	型号TYPE	NJP-300C	NJP-600C
电机功率 Motor Power		5.75kw	7.75kw
电源 Power Supply		Three phase four line AC 380V;50Hz	
最大产量 Max. Output		300pcs/min	600pcs/min
胶囊填充类型 Capsule Filler Type		00#~5# and Safe capsule A~E	
胶囊灌装率 Capsule Loading Rate		≥99.5%	
噪音指数 Noise Index		≤75dB(A)	
灌装量差异 Difference in Filling Volume		Liquid more than 300mg≤±3%	
压缩空气 Compressed Air		0.06m3/min 0.3Mpa	
水源要求 Water Source Requirements		水环式真空泵配水箱循环使用，也可外接水源 Water ring vacuum pump with water tank for recycling, also available with external water source	
真空度 Vacuum Degree		-0.02mpa~-0.06mpa	
水流量 Water Flow Rate		250L/h	
进水管内径 Inlet Pipe Inner Dia.		20mm	
出水管内径 Internal Dia. of Discharge Pipe		27mm	
工作环境温度 Working Ambient Temperature		21℃ ± 3℃	
工作厂房高度要求 Working Plant Height Hequirement		Manual filling≥2.6m, Vacuum feeding≥2.8m	
工作环境相对湿度 Relative Humidity of Working Environment		40~55%	
排风量 Exhaust Air Volume		300m³/h	
控制系统 Control System		变频无级调速，PLC控制 Inverter stepless speed control, PLC control	
材料 Materials		与胶囊和液体直接接触的部件均采用304和316L优质不锈钢制成 Parts in direct contact with the capsule and liquid are made of 304 and 316L high quality stainless steel	
特殊功能 Special Features		可添加微型药丸罐单元/小胶囊单元 A micro-pill canister unit / Small capsule unit can be added	
外形尺寸 Overall Size		1020*860*1970mm	3565*1100*2100mm
机器净重 Net Weight		900kg	1500kg