

QD Series Bin Washer



The QD Series Bin Washer is mainly used for washing a variety of pharma bins in pharmaceutical industry, it can effectively clean up the residual foreign matters (mainly chemical residues) in the internal& external surface of bin, thereby preventing the cross contamination of various ingredients during the pharmaceutical production process, it is a common washing equipment in solid dosage production process. With PLC programme controlled technology, it is necessary mechatronics equipment which complies with GMP standard in the solid dosage production process of pharmaceutical industry

Features:

It is applicable for automatically washing blender bins, transfer bins and drums, also it can provide a unified washing standard to container washing, reduce labour intensity, improve production efficiency and it's easy to trace and identify during washing process

The equipment consists of multi-modules combination design of main machine, water exchange system, AHU, drying system and auto-control system, free combination to form washing system of various functions and configurations which is convenient for customer to choose

One set of equipment can be used for washing bins of various sizes, reducing the washing cost
Automatic record of operation parameters can validate the operation result

Working principle:

Push the bin to be washed into washing room and orientate, rotate the chassis to rotate the bin slowly; the nozzles mounted on the washing room walls will spray washing liquids to wash the outer surface of bin, the top nozzle can be lowered down inside the bin to wash internal surface. After the washing finished, inject heated clean air to washing room to dry the internal& external surface of bin

Technical Parameters

产品型号 Model	增压泵压力 Pump pressure	增压泵流量 Flow of booster pump	蒸汽耗量 Steam consumption	水加热温度 Heating temperature of water	风机功率 Power of fan	总功率 Total power	压缩空气耗量 Ca consumption	主机外形尺寸 Main machine size	最小耗水量 / min Min water consumption			设备总重 Weight
	MPa	m³/h	0.4-0.5MPa kg/h	℃	kW	kW	0.4-0.6MPa m³/min	L×W×H /m	L			kg
									软水 Tap water	热水 Hot Water	纯水 Pure Water	
QD-400	0.4-1.0	6	200	60	4	7.5	0.3-1.2	1.78×1.5×2.08	300	100	100	1700
QD-800	0.4-1.0	8	250	60	5.5	10	0.3-1.5	1.98×1.8×2.42	400	150	133	2100
QD-1000	0.4-1.0	10	300	60	5.5	12	0.3-1.75	2.38×2.1×2.55	480	200	166	2700
QD-1200	0.4-1.0	10	300	60	5.5	12	0.3-2	2.38×2.1×2.65	500	200	166	2750
QD-1500	0.4-1.0	10	300	60	5.5	12	0.3-2	2.38×2.1×2.85	500	200	166	2850
QD-2000	0.4-1.0	10	300	60	5.5	12	0.3-2	2.38×2.1×3.15	500	200	166	3000