

Multi-function sterilizer



Application

The Multi-Function sterilizer adopts pure saturated steam as medium to sterilizing and drying of TCM materials and pills. It's specially designed for the needs from TCM pharmaceutical companies.

Structure & Function

- Unique design of horizontal rectangular jacket-vessel structure.
- Manufacturing materials of polished quality stainless steel are corrosion resistant and durable.
- Moisture-proof tubes be set to prevent powder blocking caused of humidity.
- Pre-heat system shortens set-up time.
- Transport-trolley be designed with multi-story to maximize the sterilizing room.
- Pliers-tooth mesh structure be adopted to the sealing door. Electric switch be used in lifting system. The counter-sealing of stress air combines with link-lock and mutual-lock devices ensure the security.
- Sealing ring made of silicone rubber are durable in the supreme temperature of 200°C.
- Double sealing door isolates the sterilizing area to prevent cross pollution.
- Liquid cycle vacuum pump pulsating extracts air from sterilizing room and re-inject the clean saturated steam to make sterilizing completely in the shorter time.
- Operation system comprised touching interface and PLC. Entire process can be finished automatically and correctly. The parameters be printed at real time.
- The world-brand components are adopted to ensure the safety, reliability and operability of the equipment.

Parameter sheet

Model No.		YXQ.WF32- YQ12	YXQ.WF32- YQ24	YXQ.WF32- YQ24	YXQ.WF32- YQ30	YXQ.WF32- YQ36	YXQ.WF32- YQ50
			(Small door)	(Big door)			
Volume (m ³)		1.2	2.4	2.4	3.0	3.6	5.0
Design Pressure (Mpa)		0.245					
Supreme Temperature (°C)		134					
Working Pressure (Mpa)		0.07—0.23					
Steam	Pressure (Mpa)	0.3—0.6					
Source	Period Cost (Kg)	40	80	80	100	120	350
Water	Pressure (Mpa)	0.15—0.3					
Source	Period Cost (KG)	250	400	400	500	600	1600
Power	Control System	AC220V/50Hz/3A					
Supply	Force System	AC380V/50Hz/20A					
	Power (KW)	4.5	4.5	4.5	4.75	5.0	7.5
Processing Period (Min.)		<70					
Stressed Air Pressure (Mpa)		0.5—0.8					
Size of process room(mm) (LxWxH)		1500x750 x1050	3050x750 x1050	2000x1000 x1200	2500x1000 x1200	3000x1000 x1200	4200x1000 x1200
Size of Shape(mm) (LxWxH)		1850x1000 x1950	3385x1515 x2040	2400x1740 x2100	2830x1740 x2100	3300x1740 x2100	4550x1740 x2100
Weight (KG)		2000	3000	3300	3500	3800	4500