GMP pharmaceutical appliance washer & dryer

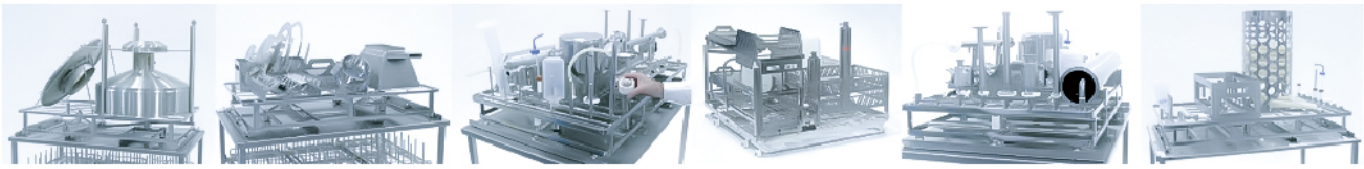


■ CIGEAIR WD-M系列性能参数

TKSAGE WD-M series performance parameters			
Volume	700L	1000L	1500L
Chamber dimensions	850*1000*850(W*H*D)	1000*1000*1000(W*H*D)	1250*1000*1250(W*H*D)
Overall dimensions	1950*2400*900(W*H*D)	2100*2400*1050(W*H*D)	2450*2400*1360(W*H*D)
Water consumption	70L/step	90L/step	120L/step
Water source	Purified water, injection water of 75L/min	Purified water, injection water of 75L/min	Purified water, injection water of 75L/min
Power supply	380V/50Hz 35kW	380V/50Hz 40kW	380V/50Hz 45kW
Compressed air	0.6~1.0MPa 100L/min	0.6~1.0MPa 100L/min	0.6~1.0MPa 100L/min
Air intake	300m3/h (for indoor air intake)	350m3/h (for indoor air intake)	400m3/h (for indoor air intake)
Cleaning temperature	Adjustable from room temperature~90°C	Adjustable from room temperature~90°C	Adjustable from room temperature~90°C
Drying temperature	Adjustable from room temperature~120°C	Adjustable from room temperature~120°C	Adjustable from room temperature~120°C
Weight	1000kg	1350kg	1700kg

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CIGEAIR WD-M-series/GMP pharmaceutical appliance washer & dryer



Cleaning validation

It validates the effectiveness of cleaning procedures (cleaning methods), to confirm that the equipment is cleaned in accordance with certain cleaning procedures, and the residues and microbial indicators achieve the standards specified in the cleaning requirements.



The product can fully replace manual cleaning, realizing recordable, verifiable, repeatable and traceable cleaning
Process: Pre-washing - Washing - Rinsing - Drying
Full process time ≤ 70min

Cleaning validation

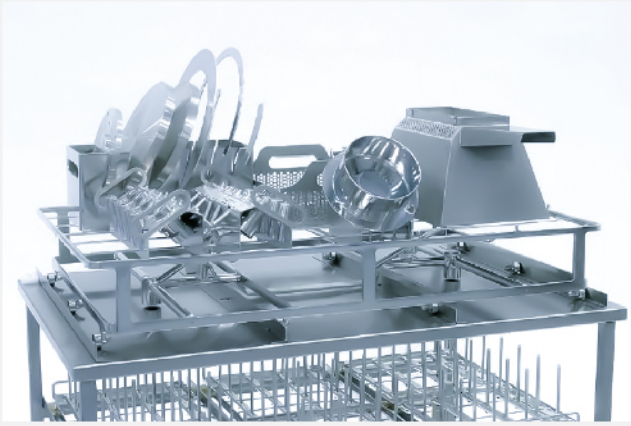
- Cleaning coverage inspection → Riboflavin cleaning test
- Performance qualification (PQ) → Drug composition testing/TOC testing/OD testing/conductivity/PH testing

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Washable items

Containers/filling apparatus/glassware/piping/other working apparatus





Customized cleaning loading rack

Provide GMP compliant documents

Door opening method: Manual or auto (optional)



Equipment features

Sanitary design concept
High-pressure high-flow cleaning
Seamless integration with cleaning loading rack
Inclined 3D pipeline design
Online conductivity testing of cleaning effect
High-temperature cleaning with hot air fast drying
Double dosing pipeline
Full data recording and printing
Full monitoring of the operation process