

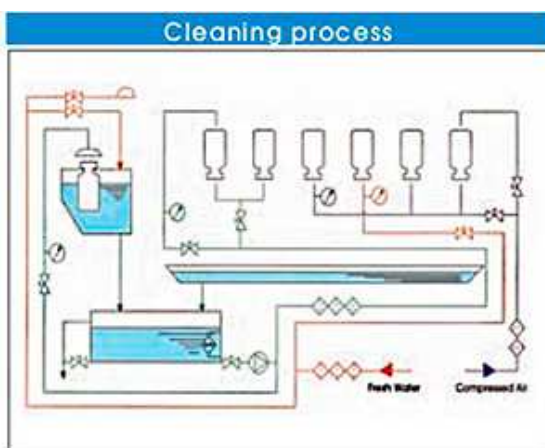
## *Washing Machine for Vials and Ampoules with Ultrasonic DWM-2000U*



Attachable WM ultrasonic cartridge bathing device.

It can be utilized in wide applications such as various sizes of ampoules and vials. It has an effective multistage cleansing function with noise proof system. Recalculated water system effectively reduces rinsing water consumption

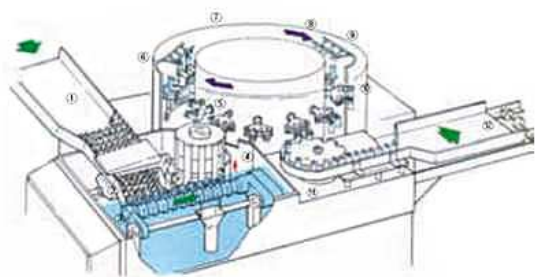
### CLEANING PROCES



- ◆ Suitable cleaning system to pharmaceutical system.
- High quality cleaning.
- Complete cleaning under ultrasonic generator device control
- Continuity of transportation by continuous revolving gripper device
- Convenient transportation of the container by gripper
- Precise cleaning of the container using nozzle
- Internal/external cleaning of the container using recalculated water
- Spray cleaning by compressed air
- Distilled water cleaning
- Spray cleaning by compressed air

- Silicon processing when required (option)

## Revolving gripper transportation system



### ◆ Processing Sequences

1. Transport container to ultrasonic cleaning bath
2. Ultrasonic cleaning (option)
3. Separate transportation of the container through feed screw
4. Move up the container to spray cleaning position
5. Catch the container with gripper. Rotate 180°
6. Internal/external cleaning of the container with distilled water
7. Clean the inside of the container with compressed air
8. Clean the inside of the container with distilled water
9. Clean the inside of the container with compressed air
10. Silicon trimming to container (option)
11. Separate the container to star - wheel from gripper
12. Send to the next process

### Technical Data:

Description		MODEL WM
		2000U
Number of Gripper		80
Output (Vials/min : 10mℓ)		200
Electricity	Installed Power	220/380V, 50/60Hz. 16KW
Consumption	Main Drive	0.75KW
	Recycling Pump	2.2KW
	Boost Pump	1.5KW
	Heater (option)	9KW
	Ultrasonic Generator	1200W. 28KHz
Dimension	Length	1950mm
	Width	1900mm
	Hight	1350mm