

Laboratory Washer

AW83

Model
AW83
Washing Time (Each Process)
1 to 99min. Setting
Washing Water Temp.
Supplied Temp. to 80deg.C

Features :

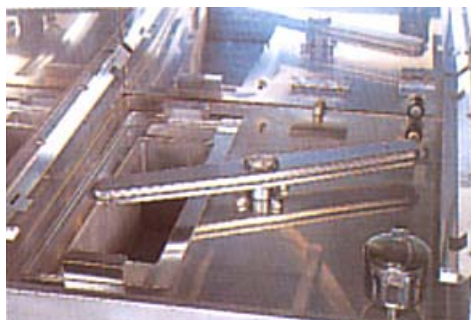
- Two Washing Chambers
- Selectable Three Washing Patterns
- Jet Rack (Option) can remove the dirt of containers more easily
- Fixing Type Rack and Spinning Type Jet Nozzle can avoid the brakeage of containers
- Available Hot Water Washing by Built-in Heater
- Liquid Detergent is automatically supplied from Detergent Container (Powder Detergent also available by adding powder in each time)



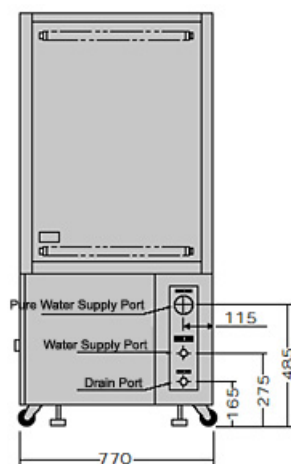
Control Panel



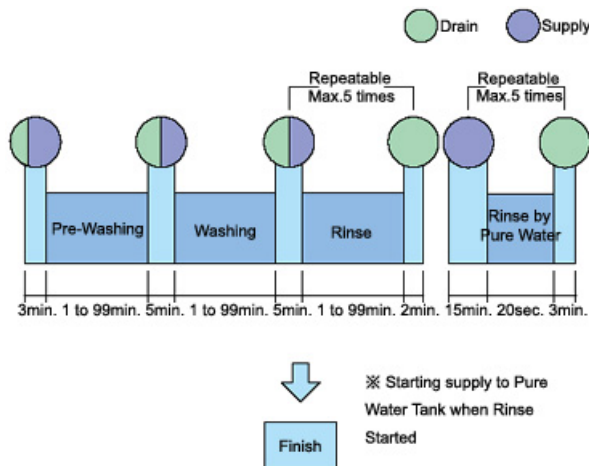
Jet Nozzle



Dimensions (mm)



Sequence/Time Chart



Specifications

Model	AW83
■ Performance	
Washing Compartment	Two Washing Chambers
	Pressure Water Jet from Two Directions; Top and Bottom, Jet Nozzle Spinning
	Fixed Rack (Changeable to Batch Type Jet Rack)
Washing Pattern	Selectable Three Washing Patterns*Final Rinse is Option
	1. Pre-washing à Washing à Rinse à Final Rinse*
	2. Washing à Rinse à Final Rinse*
Washing Time	3. Rinse à Final Rinse*
	Pre-washing, Washing, Rinse: Settable 1 to 99min.
	Rinse: Settable up to 5 times by Batch System
	Final Rinse (To connect with Pure Water Supplying System): Rinse by Pure Water 50L, Settable up to 5 times, Start to wash after reaching to the Set Water Level, Timer Count starts after reaching to the setting Temp.
Supplying Water Temp.	Room Temp. to 80deg.C
Washing Water Temp.	Supplied Temp. to 80deg.C
	Same Water Temp. for Pre-washing and Washing, No Water Heat-up for Rinse and Final Rinse
Liquid Detergent Supplying Type	Automatic Supply by Pump (Adjustable Supply Amount)
Liquid Detergent Tank Capacity	2L
Required Water Amount	Approx. 28L for each Pre-wash, Wash and Rinse
Hot Water Supply System	Heater (Built-in: 6kW) Heat-up or connection to Primary Hot Water Supply
Container Stand	Shelf Board 2pcs. (Standard)
Water Supplying System	Electromagnetic Valve Open/Close, Water Flow amount is fixed by flow Switch
Water Drain System	Forced Drain by Pump
■ Standard	
Power	Three-phase, AC200V, 50/60Hz, 30A
Exterior	Steel Plate, Melamine Resin Paint
Interior	Stainless Steel
External Dimensions	W860 x D770 x H1,795mm
Inner Bath Dimensions	W600 x D630 x H1,080mm
Pump	Washing Pump: Three-phase, AC200V, 50/60Hz, 355W/560W
	Drain Pump: Single-phase, AC200V, 45W
Shelf Board	550 x 550mm, Max. Load 245N (25kg)
Weight	Approx. 220kg
■ Accessory	
Supply Hose	I.D.18mm, 2m x 1pc
Drain Hose (with Coupler)	2m x 1pc
Detergent	(Amorphous Phosphorus) 1kg
Measuring Spoon (for 50ml)	1pc
Test Tube Rack Support	1pc
Hose Clamp	1pc.,

Optional Item (for AW83)

Pure Water Supplier	O.D. W420 x D600 x H1,065mm
	Electric Power For Pump: 355W/560W (50/60Hz)
	Pure Water Tank Capacity: 50L
	Ion Exchange: Mixed Bed Type, Resin Amount 10L
	Cartridge: Collectable Water Amount 1,500L, Warning Lamp ON after 30times Final Rinse
Jet Rack	44pcs. Settable in case of 100ml Volumetric Flask
Beaker Rack	Approx. 85pcs. settable in case of 50ml Beaker
Test Tube Rack	Approx. 600ps. settable in case of Φ 16.5mm Test Tube
Test Tube Rack Support	Approx. 68pcs. settable in case of 50ml Flask
Flask Rack	To be ordered together with AW83 Port Position Change for Supply and Drain from Right to Left Side
Amorphous Phosphorus Detergent	8kg



Jet Rack



Beaker Rack



Test Tube Rack



Flask Rack



Amorphous Phosphorus Detergent