SJM
SHIN JIN MASTER

Head Office & Factory
24, Sanjamoe-ro, Daegot-myeon, Gimpo-si, Gyeonggi-do, Korea
Tel 82-31-989-9901 Fax 82-31-989-9905

Worldwied Headquarters
21-514, 775, Gyeongin-ro, Yeongdeungpo-Gu, Seoul, Korea
Tel 82-2-6309-8788 Fax 82-2-6309-8780

www.sjm.co.kr

※ This catalogue may be changed without notice for product improvement.
※ This catalogue was made in May of 2015.

design by Intro www.intro-e.com

SJM
SHIN JIN MASTER

Digital technology adds premium to a dishwasher

Systematic Production System

SJM realized mass production of uniform quality and stable maintenance through predictive production by strict quality control system.

LCD MONITOR

The embedded LCD that carries a self-diagnosis, not only indicates a washing mode and operation status but also results in less labor cost and user convenience by realizing high-efficiency and low-cost.

P.C.B

The PCB, an originally-developed program by SJM, is a superb medium that connects a cutting-edge technology and users.

SJM’s premium dish washing system

DOOR TYPE

RACK CONVEYOR TYPE

FLIGHT CONVEYOR TYPE

SPECIAL WASHER TYPE

Door Type Series

WASHING SYSTEM

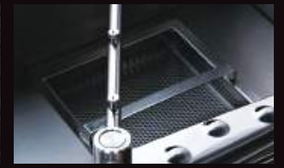
Maintaining the best washing state, the flapping jet injection nozzle system fully washes ins and outs.

DOOR SPRING

Powerful door springs are adopted for gentle open and close.

WASH PUMP MODULE

The powerful, low-noise pump with high-efficiency is the core technology that the state-of-the-art washing engineering of SJM has created.



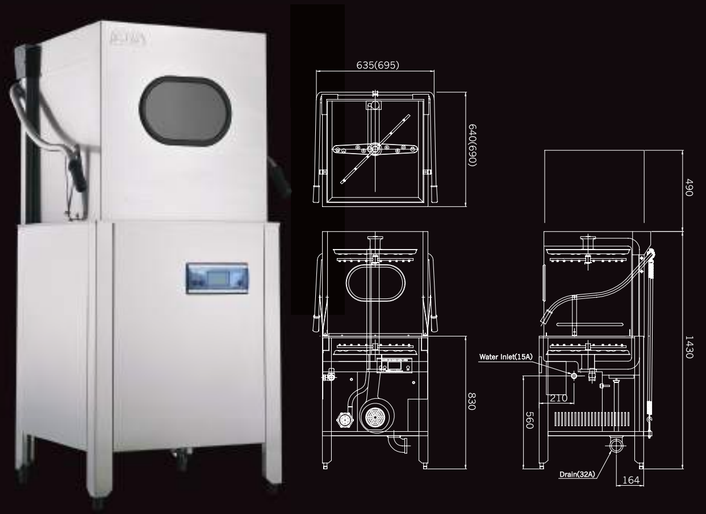
WASH TANK FILTER

The double-filter, composed of the 1st wash-tank filter and the 2nd suction filter, helps keep the washing water clean, even when used for long periods of time.

Door Type Series

SJM - 200K

Warm Water Direct Connection Type



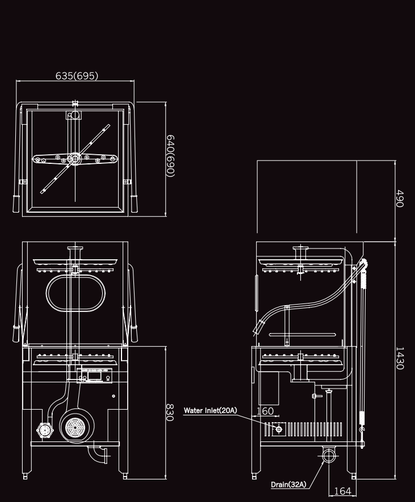
Model	Frame Dimensions			Operating Capacity		Wash Pump Motor (Kw)	Rinse Pump Motor (Kw)	Wash Tank Heater (Kw)	Rinse Tank Heater (Kw)	Wash Tank Capacity (L)	Rinse Tank Capacity (L)	Waterline Size (mm)	Drainline Size (mm)	Gas Booster (Kcal/hr.)
	Width	Depth	Height	(Racks/hr.)	(Dishes/hr.)									
SJM-200K	635(695)	640(690)	1,430	55	1,375	1.1	0.094	-	3	23	17	15	40	-
SJM-200DG	635(695)	640(690)	1,430	55	1,375	1.1	0.094	2	-	40	-	20	40	24,400

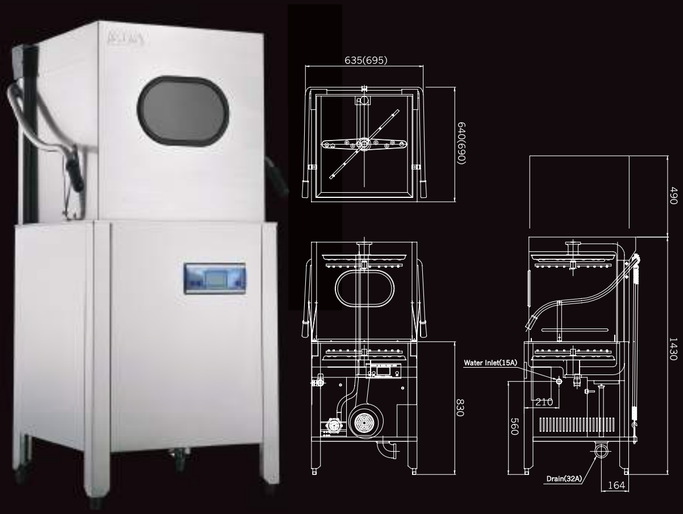
SJM - 200DG

Stored Gas booster Type

SJM - 200KE

Electric Type





Model	Frame Dimensions			Operating Capacity		Wash Pump Motor (Kw)	Rinse Pump Motor (Kw)	Wash Tank Heater (Kw)	Rinse Tank Heater (Kw)	Wash Tank Capacity (L)	Rinse Tank Capacity (L)	Waterline Size (mm)	Drainline Size (mm)	Gas Booster (Kcal/hr.)
	Width	Depth	Height	(Racks/hr.)	(Dishes/hr.)									
SJM-200KE	635(695)	640(690)	1,430	55	1,375	1.1	0.094	-	12	23	17	15	40	-

Rack Conveyor Type Series

Rack Conveyor Type Series

SJM - R1
SJM-R1G / SJM-R1S / SJM-R1E

SJM - R2
SJM-R2G / SJM-R2S / SJM-R2E

WASHING SYSTEM

WASHING ZONE

RINSE ECONOMIZER

TENSION ADJUSTMENT DEVICE

SAFETY DEVICE

Model	Common Factors											Steam Type	Gas Type			Electric Type		
	Frame Dimensions			Operating Capacity		Wash Pump Motor (Kw)	Conveyor Motor (Kw)	Conveyor Speed (m/min.)	Wash Tank Capacity (L)	Waterline Size (mm)	Drainline Size (mm)	Steamline Size (mm)	Wash Tank Heater (Kw)	Rinse Pump Motor (Kw)	Gas Booster (Kcal/hr.)	Wash Tank Heate (Kw)	Rinse Tank Heater (Kw)	Rinse Pump Motor (Kw)
	Width	Depth	Height	(Racks/hr.)	(Dishes/hr.)													
R1	1,250	655	1,400	164	4,100	1.5	0.2	1.0	45	20	40	32	5	0.35	36,000	15	3 x 9	0.35
R2	1,900	655	1,400	240	6,000	1.5 x 2	0.2	1.6	45 x 2	20	40	32	5 x 2	0.35	36,000	15 x 2	3 x 9	0.35

Sushi Dish Washer

SJM - CD 175

SJM-CD 150

Model	Frame Dimensions			Operating Capacity (Sushi dish/hr.)	Rinse Tank Capacity (L)	Blower Motor (Kw)	Brush Motor (Kw)	Rinse Pump Motor (Kw)	Waterline Size (mm)	Drainline Size (mm)
	Width	Depth	Height							
CD 175	1,150	610	1,100	1,200	12	0.75	0.09	0.094	15	40

Utensil Washer 400

SJM - UDS 400

SJM-UDS 400G / SJM-UDS 400S / SJM-UDS 400E

Model	Common Factors								Steam Type	Gas Type			Electric Type		
	Frame Dimensions			Operating Capacity (Racks/hr.)	Wash Pump Motor (Kw)	Wash Tank Capacity (L)	Rinse Tank Capacity (L)	Waterline Size (mm)	Drainline Size (mm)	Steamline Size (mm)	Wash Tank Heater (Kw)	Rinse Pump Motor (Kw)	Gas Booster (Kcal/hr.)	Wash Tank Heate (Kw)	Rinse Tank Heater (Kw)	Rinse Pump Motor (Kw)
	Width	Depth	Height													
UDS 400	1,300	850	1,630	30	2.2 x 2	135	45	20	40	32	2 x 3	0.35	50,000	2 x 3	4 x 6	0.35

Utensil Washer 600

SJM - UDS 600

SJM-UDS 600G / SJM-UDS 600S / SJM-UDS 600E

Utensil Washer 1500

SJM - UDS 1500

SJM-UDS 1500G / SJM-UDS 1500S / SJM-UDS 1500E

Model	Common Factors								Steam Type	Gas Type			Electric Type		
	Frame Dimensions			Operating Capacity (Racks/hr.)	Wash Pump Motor (Kw)	Wash Tank Capacity (L)	Rinse Tank Capacity (L)	Waterline Size (mm)	Drainline Size (mm)	Steamline Size (mm)	Wash Tank Heater (Kw)	Rinse Pump Motor (Kw)	Gas Booster (Kcal/hr.)	Wash Tank Heate (Kw)	Rinse Tank Heater (Kw)	Rinse Pump Motor (Kw)
	Width	Depth	Height													
UDS600	1,150	950	1,960	30	2.2 x 2	100	36	20	40	32	2 x 3	0.35	50,000	2 x 3	4 x 6	0.35
UDS1500	1,500	890	1,870	30	4.0 x 2	170	48	20	40	32	2 x 3	0.35 x 2	50,000	2 x 3	4 x 6	0.35 x 2

Prewasher Series

TRAY PUSH BAR

TWIN DRIVE CONTROL SYSTEM

WASHING SYSTEM

WASH TANK FILTER

Prewasher Series

SJM - PW1
Line 1

SJM - PW2
Line 2

Model	Frame Dimensions			Washing Capacity (Tray/hr.)	Wash Pump Motor (Kw)	Conveyor Motor (Kw)	Conveyor Speed (m/min.)	Wash Tank Capacity (l)	Waterline Size (mm)	Drainline Size (mm)
	Width	Depth	Height							
PW1	1,400	740	1,200	1,800	1.3	0.2	12	60	15	40
PW2	1,400	1,000	1,200	1,800~3,600	1.3	0.2	12	80	15	40

SJM - PW1A
Automatic insertion of line 1

SJM - PW2A
Automatic insertion of line 2

Model	Frame Dimensions			Washing Capacity (Tray/hr.)	Wash Pump Motor (Kw)	Conveyor Motor (Kw)	Conveyor Speed (m/min.)	Wash Tank Capacity (l)	Waterline Size (mm)	Drainline Size (mm)
	Width	Depth	Height							
PW1A	1,830	820	1,630	1,800~2,100	1.3	0.4	12~16	60	15	40
PW2A	1,830	1,000	1,630	2,200~4,400	1.3	0.4	12~16	80	15	40

Flight Conveyor Type Series


WASHING ZONE


RINSE ZONE


DRY ZONE


DOOR SPRING

Safety Device

Flight Conveyor Type Series

SJM - F1
SJM-F1G / SJM-F1S / SJM-F1E

SJM - F1D
SJM-F1DG / SJM-F1DS / SJM-F1DE

Model	Common Factors												Steam Type	Gas Type				Electric Type			
	Frame Dimensions			Operating Capacity		Wash Pump Motor (Kw)	Conveyor Motor (Kw)	Conveyor Speed (m/min.)	Blower Motor (Kw)	Wash Tank Capacity (l)	Waterline Size (mm)	Drainline Size (mm)	Steamline Size (mm)	Wash Tank Heater (Kw)	Dry Heater (Kw)	Rinse Pump Motor (Kw)	Gas Booster (Kcal/hr.)	Wash Tank Heater (Kw)	Dry Heater (Kw)	Rinse Tank Heater (Kw)	Rinse Pump Motor (Kw)
	Width	Depth	Height	(Racks/hr.)	(Dishes/hr.)																
F1	3,700	870	1,450	700	2,100	2.2	0.2	1.0	-	105	20	40	32	15	-	0.35	50,000	15	-	3 x 18	0.35
F1D	4,700	870	1,800	700	2,100	2.2	0.2	1.0	0.75	105	20	40	32	15	15	0.35	50,000	15	15	3 x 18	0.35

SJM - F2D
SJM-F2DG / SJM-F2DS / SJM-F2DE

SJM - F2
SJM-F2G / SJM-F2S / SJM-F2E

SJM - F2D ES
SJM-F2DG-ES / SJM-F2DS-ES / SJM-F2DE-ES

Model	Common Factors												Steam Type	Gas Type				Electric Type			
	Frame Dimensions			Operating Capacity		Wash Pump Motor (Kw)	Conveyor Motor (Kw)	Conveyor Speed (m/min.)	Blower Motor (Kw)	Wash Tank Capacity (l)	Waterline Size (mm)	Drainline Size (mm)	Steamline Size (mm)	Wash Tank Heater (Kw)	Dry Heater (Kw)	Rinse Pump Motor (Kw)	Gas Booster (Kcal/hr.)	Wash Tank Heater (Kw)	Dry Heater (Kw)	Rinse Tank Heater (Kw)	Rinse Pump Motor (Kw)
	Width	Depth	Height	(Racks/hr.)	(Dishes/hr.)																
F2	4,600	870	1,450	1,300	3,900	2.2 x 2	0.2	1.6	-	105 x 2	20	40	32	15 x 2	-	0.35	60,400	15 x 2	-	3 x 18	0.35
F2D	5,600	870	1,800	1,300	3,900	2.2 x 2	0.2	1.6	0.75	105 x 2	20	40	32	15 x 2	15	0.35	60,400	15 x 2	15	3 x 18	0.35
F2D ES	5,600	870	1,800	1,300	3,900	2.2 x 2	0.2	1.6	0.75 x 2	105 x 2	20	40	32	15 x 2	15	0.35	60,400	15 x 2	15	3 x 18	0.35

Flight Conveyor Type Series

SJM - F3D
SJM-F3DG / SJM-F3DS / SJM-F3DE

SJM - F3
SJM-F3G / SJM-F3S / SJM-F3E

SJM - F3D ES
SJM-F3DG-ES / SJM-F3DS-ES / SJM-F3DE-ES

Model	Common Factors												Steam Type	Gas Type				Electric Type			
	Frame Dimensions			Operating Capacity		Wash Pump Motor (Kw)	Conveyor Motor (Kw)	Conveyor Speed (m/min.)	Blower Motor (Kw)	Wash Tank Capacity (L)	Waterline Size (mm)	Drainline Size (mm)	Steamline Size (mm)	Wash Tank Heater (Kw)	Dry Heater (Kw)	Rinse Pump Motor (Kw)	Gas Booster (Kcal/hr.)	Wash Tank Heater (Kw)	Dry Heater (Kw)	Rinse Tank Heater (Kw)	Rinse Pump Motor (Kw)
	Width	Depth	Height	(Racks/hr.)	(Dishes/hr.)																
F3	5,500	870	1,450	2,000	6,000	2.2 x 3	0.2	2.0	-	105 x 3	20	40	32	15 x 3	-	0.35	72,000	15 x 3	-	3 x 18	0.35
F3D	6,500	870	1,800	2,000	6,000	2.2 x 3	0.4	2.0	0.75	105 x 3	20	40	32	15 x 3	15	0.35	72,000	15 x 3	15	3 x 18	0.35
F3 ES	6,500	870	1,800	2,000	6,000	2.2 x 3	0.4	2.0	0.75 x 2	105 x 3	20	40	32	15 x 3	15	0.35	72,000	15 x 3	15	3 x 18	0.35

SJM - MF1
SJM-MF1G / SJM-MF1S / SJM-MF1E

SJM - MF2
SJM-MF2G / SJM-MF2S / SJM-MF2E

SJM -MF1D
SJM-MF1DG / SJM-MF1DS / SJM-MF1DE

SJM -MF2D
SJM-MF2DG / SJM-MF2DS / SJM-MF2DE

Model	Common Factors												Steam Type	Gas Type				Electric Type			
	Frame Dimensions			Operating Capacity		Wash Pump Motor (Kw)	Conveyor Motor (Kw)	Conveyor Speed (m/min.)	Blower Motor (Kw)	Wash Tank Capacity (L)	Waterline Size (mm)	Drainline Size (mm)	Steamline Size (mm)	Wash Tank Heater (Kw)	Dry Heater (Kw)	Rinse Pump Motor (Kw)	Gas Booster (Kcal/hr.)	Wash Tank Heater (Kw)	Dry Heater (Kw)	Rinse Tank Heater (Kw)	Rinse Pump Motor (Kw)
	Width	Depth	Height	(Racks/hr.)	(Dishes/hr.)																
MF1	2,850	710	1,400	550	1,650	1.5	0.2	1.0	-	50	20	40	32	5	-	0.35	36,000	5	-	3 x 12	0.35
MF1D	3,850	710	1,800	550	1,650	1.5	0.2	1.0	0.75	50	20	40	32	5	15	0.35	36,000	5	15	3 x 12	0.35
MF2	3,450	710	1,400	1,000	3,000	1.5 x 2	0.2	1.0	-	50 x 2	20	40	32	5 x 2	-	0.35	50,000	5 x 2	-	3 x 12	0.35
MF2D	4,450	710	1,800	1,000	3,000	1.5 x 2	0.2	1.0	0.75	50 x 2	20	40	32	5 x 2	15	0.35	50,000	5 x 2	15	3 x 12	0.35

Flight Conveyor Type Series

SJM - WF2D
SJM-WF2DG / SJM-WF2DS

SJM - WF2D ES
SJM-WF2DG-ES / SJM-WF2DS-ES

Model	Common Factors													Steam Type	Gas Type				Electric Type			
	Frame Dimensions			Operating Capacity		Wash Pump Motor (Kw)	Conveyor Motor (Kw)	Conveyor Speed (m/min.)	Blower Motor (Kw)	Wash Tank Capacity (l)	Waterline Size (mm)	Drainline Size (mm)	Steamline Size (mm)	Wash Tank Heater (Kw)	Dry Heater (Kw)	Rinse Pump Motor (Kw)	Gas Booster (Kcal/hr.)	Wash Tank Heater (Kw)	Dry Heater (Kw)	Rinse Tank Heater (Kw)	Rinse Pump Motor (Kw)
	Width	Depth	Height	(Racks/hr.)	(Dishes/hr.)																
WF2D	6,200	1,210	1,800	2,600	13,000	4.0 x 2	0.75	1.3~3.0	0.75 x 3	150 x 2	20	40	32	15 x 2	15 x 2	0.35	100,000	15 x 2	15 x 2	3 x 18	0.35
WF2D ES	6,200	1,210	1,800	2,600	13,000	4.0 x 2	0.75	1.3~3.0	0.75 x 3	150 x 2	20	40	32	15 x 2	15 x 2	0.35	100,000	15 x 2	15 x 2	3 x 18	0.35

SJM - WF3D
SJM-WF3DG / SJM-WF3DS

SJM - WF3D ES
SJM-WF3DG-ES / SJM-WF3DS-ES

Model	Common Factors													Steam Type	Gas Type				Electric Type			
	Frame Dimensions			Operating Capacity		Wash Pump Motor (Kw)	Conveyor Motor (Kw)	Conveyor Speed (m/min.)	Blower Motor (Kw)	Wash Tank Capacity (l)	Waterline Size (mm)	Drainline Size (mm)	Steamline Size (mm)	Wash Tank Heater (Kw)	Dry Heater (Kw)	Rinse Pump Motor (Kw)	Gas Booster (Kcal/hr.)	Wash Tank Heater (Kw)	Dry Heater (Kw)	Rinse Tank Heater (Kw)	Rinse Pump Motor (Kw)
	Width	Depth	Height	(Racks/hr.)	(Dishes/hr.)																
WF3D	7,100	1,210	1,800	4,000	20,000	4.0 x 3	0.75	1.3~3.0	0.75 x 3	150 x 3	20	40	32	15 x 3	15 x 2	0.35	100,000	15 x 3	15 x 2	3 x 18	0.35
WF3D ES	7,100	1,210	1,800	4,000	20,000	4.0 x 3	0.75	1.3~3.0	0.75 x 3	150 x 3	20	40	32	15 x 3	15 x 2	0.35	100,000	15 x 3	15 x 2	3 x 18	0.35

Special Washer Type Series

SJM Special Washers are capable of target washing regardless of the shapes and appearances.

SJM's special washers are capable of effective washing and drying washing objects of any shapes and appearances using the target spray system.
To meet the various needs of our customers, SJM has actively invested in R&D to develop different washers such as the box washer, palette washer, palette sheet washer, mold washer, tray washer, parts washer, POT washer, food processing large size tank washer, and the sticker label remover.
SJM will continue to strive in other to satisfy all our customers' future needs.

Gas Booster Series

SJM - 830G
Hot water storage type gas booster

SJM - 850G
Hot water storage type gas booster

SJM - 950G
Hot water storage type gas booster

The SJM burner is a core component of the Booster series of SJM, realizing a complete combustion regardless of types of gases.

When any abnormalities occur, the abnormal parts/components are indicated on the display panel by the self-diagnostic function.

It pursues a maximized its thermal efficiency by transferring the heat that has been conducted from the governor.

Its safety is fully guaranteed since all products are tested lot by lot instead of a sample test, when released from the factory.

Model	Frame Dimensions			Gas		Gauge			storage	Drainline Size (Kg)
	Width	Depth	Height	LPG(kg/hr.)	LNG(kcal/hr.)	Water supply	Tapping	Gas		
SJM-830G	460	590	780	2.03	24,400	20A (PF1/2")	25A (PF1/2")	15A (R1/2")	45L (valid 18L)	28
SJM-850G	550	590	780	3.0	36,000	20A (PF1/2")	25A (PF1/2")	15A (R1/2")	48L (valid 20L)	36
SJM-950G	550	700	780	4.16	50,000	20A (PF1/2")	25A (PF1/2")	15A (R1/2")	70L (valid 28L)	40

Safety Precautions

- Please read the Instructions carefully prior to use
- Installation work and electronic work is required. Please inquire your sales dealer for assistance
- This product is exclusively for indoor use.
- Do not use the dishwasher for purposes other than dish washing, otherwise it may cause accidents and/or problems.
- Please make sure that the operational conditions specified by the Installation Precautions and Operational Precautions are satisfied.

Installation Precautions

Carry-in
- After checking the size dimensions of the machine in the catalogue, please make sure a safe and viable path is cleared for the machine.

Location of Installation
- Place of installation needs an area for the dishwasher, the height of the door opening, the sink and the working tables, booster, piping, and maintenance usage.
- Install where such works as water supply, water drainage, gas supply and ventilation are convenient.
- The floor should be composed of incombustible materials such as concrete and be able to withstand the weight of the dishwasher when the tank is fully filled with water
- Do not install where the floor is not stable and/or horizontal.
- Avoid where the nearby temperature is high.
- Install where the floor may tolerate water.

Power Supply
- Install the rated circuit for the power supply.
- Voltage should be within ±10% of the rated voltage.
- Grounding requires to prepare against electrical leakage.
- Install an overload protection device for the power supply.
- Please ensure to use qualified people for the electric and grounding works.

Facilities
- To use a dishwasher at its optimal state, facilities such as sink and working table are needed.

Water Supply, Drainage, & Gas Piping
- Use stainless steel pipe, copper pipe or stainless flexible hose for water supply piping.
- Operational pressure range of tap water is 0.5~3.4 kgf/cm^2 is required.
  (the standard water pressure of steam type model is 1.5 kgf/cm^2).
- Use PVC or steel pipe for drainage.
- Use reinforced gas hose or metal pipe for gas piping.

Ventilation Facility
- A ventilation facility is required for treatment of the exhaust from both the dishwasher and the gas booster.

Hot Water Supply Facility
- A hot water supply facility that satisfies the requirements of the operational use of each model of the dishwasher is needed.
- Use a gas booster suitable for the gas supplied to the place of installation.

Fire Prevention Plans against Gas Equipment
- The floor should be made of nonflammable materials.
- Walls and pillars should be made of nonflammable materials.

Operational Precautions
- Only use drinking water for the dishwasher.
- Only use chemicals specified for the dishwasher.
- If the tap water quality is poor in the region, use water treatment equipment.
- Dishes washable by the dish washer include porcelain dish, glass dish, plastic dish (that is heat-resistant to temperature above 90°C), and metal dish (that can withstand high temperature without distortion).
- For detailed information, please inquire your sales dealer.

※ Please read before purchasing specifications for products contained in this catalog.