Economical General Purpose Incubator

Natural Convection

IC Series with Window

MADE IN CH

Operating temp. range	Room temp. +5°C~80°C	Temp. distribution accuracy	±1.0°C (at 37°C)	Internal capacity	37L 103 models	97L 403 models	159L 603 models	318L 803 models	567L 903 models

Benchtop, compact design incubators (IC103C/IC103CW)
General purpose incubators (IC403CW/413CW/603CW/613CW/803C/813CW/903CW/913CW)

- Space saving
- All models come with an observation window (W) for improved visibility (except for IC103C)
- Dual door system permits contents to be viewed easily without disrupting atmosphere of the incubator (except IC-103 series)
- Control panel of IC103CW/113CW located at a higher position for easy access
- Easy to use digital setting display and timer
- Air jacket technology ensures even and efficient heat distribution throughout the chamber
- Standard equipped with various functions such as self-diagnostic, calibration offset, overheat prevention and key lock

97L
IC403CW

159L
IC603CW

For representation purpose only. Actual window size may vary slightly by model.

Specifications

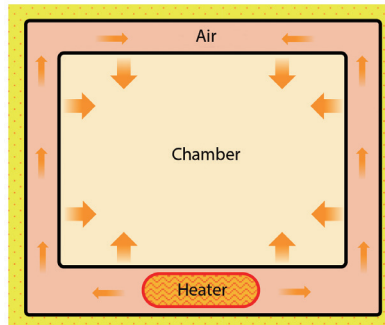| Model	IC103C / CW IC113C / CW	IC403CW IC413CW	IC603CW IC613CW	IC803CW IC813CW	IC903CW IC913CW
System	Natural convection				
Operating temperature range	Room temp. +5~80°C				
Temp. control accuracy	±0.5°C (at 37°C)				
Temperature distribution accuracy	±1.0°C				
Interior material	Stainless steel				
Exterior material	Cold rolled steel plate with melamine resin baking finish				
Heat insulator	Glass fiber				
Heater	Stainless steel heating pipe	Iron-chrome wire heater			
	0.2kW	0.3kW	0.4kW	0.7kW	2.2kW
Temperature controller	PID control by microprocessor				
Temperature setting system	Operation menu key and digital setting by ▲/▼ keys, digital display				
Temperature display	Measurement temperature: Digital display by 4 digit green LED Setting temperature: Digital display by 4 digit red LED				
Timer	1 min. ~ 99 hrs 59 mins. and 100~999 hrs 50 mins (including timer waiting function)				
Operation functions	Fixed temperature, Auto start, Auto stop, Quick Auto stop				
Additional functions	Calibration off-set, Key-lock, Power outage compensation				
Safety device	Self diagnostic functions, temp. sensor error, display error, measurement temp. error, auto overheat prevention				
Heater control circuit	SSR drive system				
Sensor	K-thermocouple				
Internal dimensions (WxDxH)	350 x 300 x 360 mm	450 × 480 × 450 mm	600 x 530 x 500 mm	600 × 530 × 1000 mm	1070 x 530 x 1000 mm
External dimensions (WxDxH)	430 x 397 x 606 mm	560 × 606 × 820 mm	710 x 656 x 870 mm	710 × 656 × 1619 mm	1180 x 656 x 1619 mm
Internal capacity	37L	97L	159L	318L	567L
Inner door	None	Reinforced glass door x 1		Reinforced glass door x 2	
Window size	250 x 280			250 x 700	
Window thickness	t5 (5mm thick glass)				
Shelf load capacity	~15 kg/pc.				
Shelf rest step number	8 steps	9 steps	12 steps	29 steps	29 steps x 2
Power supply (50/60 Hz)	AC115V 1.8A *with plug* AC220V 1A *no plug, round terminal*	AC115V 4.5A *with plug* AC220V 2A *no plug, round terminal*	AC115V 6A *with plug* AC220V 2.5A *no plug, round terminal*	AC115V 10A *with plug* AC220V 4.5A *no plug, round terminal*	AC115V 13A *with plug* AC220V 6.5A *no plug, round terminal*
Weight	~17 kg	~45 kg	~65 kg	~102 kg	~166kg
Included accessories: Shelf / shelf brackets	Stainless steel				
	2 pcs. / 4pcs.			4 pcs. / 8 pcs.	8 pcs. / 16 pcs.
Optional accessories	Stand, Stacking kit, Additional shelf, Cable hole (25/50mm or 30/50mm), Temp. output terminal, Time-up output terminal for alarm device				

318L
IC803CW

567L
IC903CW

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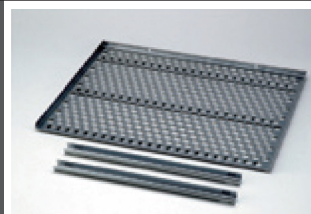## Solid Door

Observation Window

37L
IC103C / IC103CW

Method

[Front view]

Air

Chamber

Heater

Control Panel

Interior (IC613CW)

■ Optional items

Description	Product code
Stand for up to 600 models (OA194)	281596
Shelf and bracket set for IC100 models	42110501001
Shelf and bracket set for IC400 models	212246
Shelf and bracket set for IC600 and 800 models	212266
Metal stacking kit for IC400 models (OD40)	212822
Metal stacking kit for IC600 models (OD60)	212823
Cable port ø25mm	281121
Cable port ø50mm	281122
Temperature output terminal (4~20mA) for ODK12	281123
Time-up output terminal for ODK14	281124

Shelf & Bracket Set

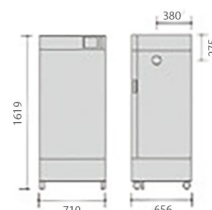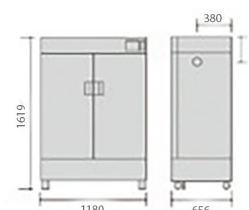## Exhaust Ports

Dimensions (mm)

IC103C
IC103CW/113CW

IC403CW/413CW

IC603CW/613CW

IC803CW/813CW

IC903CW/913CW