INCUBATOR

IC - 103C/103CW/403CR/603CR/803C

IN - 604/804

Overview

Yamato incubators accurately control the temperature and humidity conditions in which microbiological cultures and samples can be maintained. The IC and IN series include a variety of sizes to fit your specific needs, whether it is for a classroom experiment or state of the art pharmaceutical laboratory. The innovative design of a dual door system allows you to view the samples without disrupting the chamber conditions.

<u>Advantages</u>

- Observation glass door
- Varieaty of sizes
- Communication port comes standrard with IC X03CR models

Applications

- Microbiology
- Fermentation
- Biochemical studies
- Bacteriology
- Hematological studies
- USDA Microbiology Guidebook procedures
- Crystallization studies
- Salmonella within Food Processing Quality Control procedures



Details

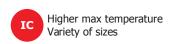
IC

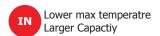
This series includes desktop incubators that are space saving. The operation is panel installed at a higher position and allows the user to operate with ease and comfort.

IN

These programmable low temperature incubation chambers can be used for a wide variety of applications, such as storage of culture media, serum, and medicine, as well as for cultivation of microorganisms, and incubation to environmental testing. Glass inner doors minimize temperature change when inspecting samples.

Which model is best for your needs?





Technical Specifications

MODEL		IC - 103C / IC - 103CW	IC - 403CW / IC - 403CWR	IC - 603C / IC - 603CR	IC - 803C / IC - 803CR	
Performance	Circulation Method	Gravity convection by air jacket				
	Temperature Range	Room temperature +5° - 80° C				
	Temperature Control Accuracy	±.5°C@37°C				
	Temperature Distribution Accuracy	± 1.0° C @ 37° C				
	Temperature Controller	PID controlled by micro processor				
Structure	Observation	Inner glass door for sample observation				
	Programmable Controller	N/A	IC - 403CWR	IC - 603CR	IC-803CR	
	Safety Devices	Self diagnostic function, indpenedent overheat prevention, and key lock				
Standard	External Dimensions	430 x 397 x 600 mm or 16.9 x 15.6 x 23.6 in	560 x 606 x 820 mm or 22.1 x 23.9 x 32.3 in	710 x 656 x 870 mm or 28 x 25.8 x 34.3 in	710 x 656 x 1619 mm or 28 x 25.8 x 63.7 in	
	Chamber Dimensions	350 x 300 x 360 mm or 13.8 x 11.8 x 14.2 in	450 x 480 x 450 mm or 17.7 x 18.9 x 17.7 in	600 x 530 x 500 mm or 23.6 x 20.9 x 19.7 in	600 x 530 x 1000 mm or 23.6 x 20.9 x 39.4 in	
	Chamber Capacity	37 ℓ or 1.3 ft³	97 ℓ or 3.4 ft³	150 ℓ or 5.3 ft³	318 ℓ 11.2 ft³	
	Weight	17 kg or 37.5 lbs	45 kg or 99.2 lbs	65 kg or 143.3 lbs	102 kg or 224.9 lbs	
	Power Supply - AC 115 V	1.8 Amps	2.8 Amps	3.7 Amps	6.6 Amps	
Included Accessories	Communication Port	N/A	Model No. IC - 403CWR	Model No. IC - 603CR	Model No. IC - 803CR	
	Observation Window	Model No. IC - 103CW	Model No. IC - 403CW/CWR	N/A	N/A	
	Shelves	2 pcs	2 pcs	2 pcs	4 pcs	
	Shelf Brackets	4 pcs	4 pcs	4 pcs	8 pcs	
Optional Accessories	Stand	Part No. 211856	Part No. 211856	Part No. 211856	N/A	
	Shelf and Brackets	Part No. 211192	Part No. 212246	Part No. Dn-63-903	Part No. Dn-63-903	
	Communication Terminal	R5232ODK19	R5232ODK19	R5232ODK19	R5232ODK19	
	Temperature Output Terminal	ODK -12	ODK -12	ODK -12	ODK -12	
	Communication Converter	R52232ODK18	R52232ODK18	R52232ODK18	R52232ODK18	

MODEL		IN - 604	IN - 804	
	Circulation Method	Mechanical convection		
Performance	Temperature Range	-10° - 50° C		
renomance	Temperature Control Accuracy	\pm .3° C / \pm .5° C when refrigerator is in constant operation		
	Temperature Controller	PID controlled by micro processor		
	Observation	Inner glass door for sample observation		
Structure	Programmable Controller	Programmable with 32 step		
	Safety Devices	Self diagnostic function, indepenedent overheat prevention, and key lock		
	External Dimensions	710 x 654 x 913 mm or 28 x 25.4 x 36 in	710 x 645 x 1630 mm or 28 x 25.4 x 64.2 in	
Standard	Chamber Dimensions	600 x 477 x 500 mm or 23.6 x 18.8 x 19.7 in	600 x 477 x 1000 mm or 23.6 x 18.8 x 39.4 in	
	Chamber Capacity	143 ℓ	286 է	
	Weight	93 kg or 205 lbs	120 kg or 264.6 lbs	
	Power Supply - AC 115 V	8.7 Amps	10.5 Amps	
Included Accessories	Shelves	3 pcs	5 pcs	
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Optional Accessories	Shelf and Brackets	Part No. 211221	Part No. 211221	

