

MaxCell Giant™

Large Capacity Incubator



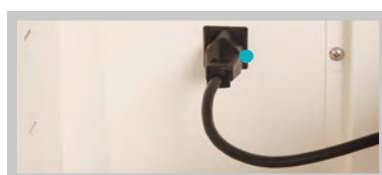
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This large capacity incubator is available to use large volume or variety cell culture containers and electric equipment or roller apparatus in constant temperature, CO₂ control. Effective air flow system makes excellent temperature control and also enables the uniformity of CO₂ density in the big chamber



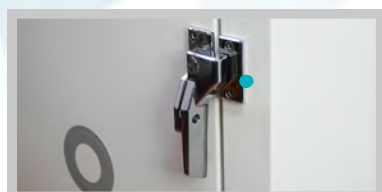
Gas Inlet and Output Port



Interior Power Outlet
(Europe or US plug available)



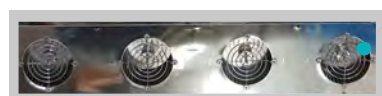
Access Port with Silicon Cap



Door Latch for tight seal



Side Bracket for lifting or fixing



4 Air circulation fans at bottom



Viewing Glass Window



Track part for castors of roller



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Feature► **Excellent Temperature Control**(Uniformity 0.5 ~ 0.7 at 37°C)

Direct heating from 5 Side wall of chamber and effective air circulation system with 4 air circulation fans make excellent temperature uniformity and quick temperature recovery after door open.

See Air Circulation Diagram below.

► **6 Interior Power Plug outlets** for the use of electrical equipment inside.

6 Interior plug outlets are located at left back and behind shelves. Independent fuse for interior outlet protects the incubator from the event of power failure by internal devices. Even if electric supply to interior is failed, electricity supply to incubator is not affected and keep controlling temperature and CO₂.

► **Large Tempered Viewing Glass Window**

► Easy Installation of roller apparatus the flat bottom and **dedicated track for castors of roller**

► **Door Latch** enhance the sealing of the door and minimize loss of temperature or CO₂.

► **Side brackets** for scissor jack is for easy lifting and also it enables incubator to be fixed on the ground

► **Sliding Control Panel** for easy repair work on control part : In consideration of the high height of incubator, the control panel can be slide out so that an engineer can repair it conveniently.

► **Standard Access Port** at right side wall for additional probe or cable.

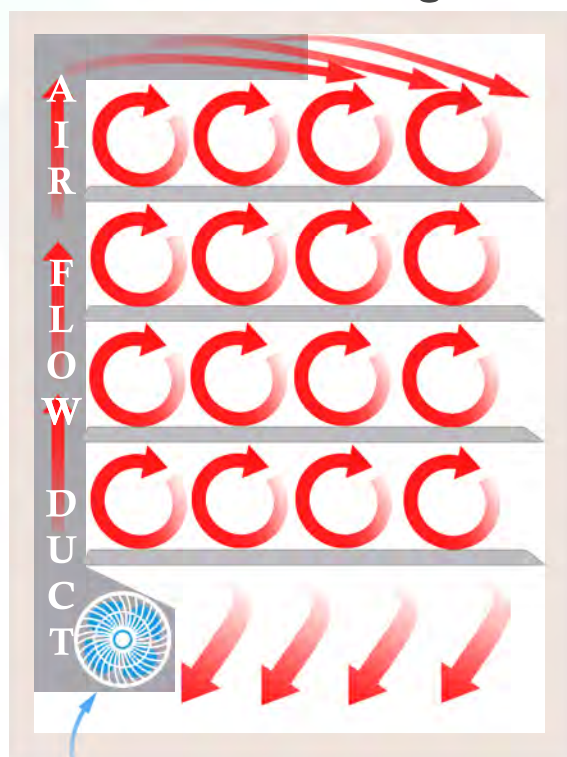
► **Optional Stainless Steel 304(SUS304) Chamber** ; For CO₂ Version, this is standard.

► **Optional Analogue output or RS485 Port**

► **Optional Shelf** supporting up to 50kg bench top device

► **Optional CO₂ gas control**(Factory Option and dedicated model number. NB203QRXXL)

► **Interior Alarm Contact Connector** for roller apparatus monitoring(if roller provides such function)

Air Circulation Diagram

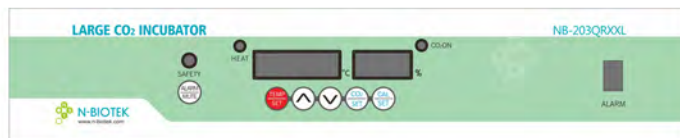
4 Airflow Fans

Full deck roller apparatus

Non-CO₂ Version Control



CO₂ Version Control



Control Panel

SPECIFICATION

Model	NB205QRXXL(Non-CO ₂)	NB203QRXXL
Temperature Range .	Ambient +7°C ~ +60°C at 25°C RT	
Temp. Uniformity	Temp±0.5°C ~ ±0.7°C at 37°C and 25°C RT	
Temp. Increment	±0.1°C	
Temp. Recovery*	12 minute at 37°C after door open for 5minutes	
Heating	5 Side Direct Heating with Forced Air Flow by 4 Circulation Fans	
Temperature Safety	Independent Over Temperature Thermostat	
Interior Outlet	Same voltage of instrument/ 7 outlets(standard)	
Display	digital display, 5 Digit LED for Temp, CO ₂	
Number of Shelve	Optional, Max 35ea	
Door	Front door (left open)with Viewing Glass Window	
Electric Safety	Fuse 15A for Incubator / Fuse 10A for Interior outlet	
Interior Dimension	867.6(W) x 720(D) x 1927.3(H)mm	
Exterior Dimension	990(W) x 855(D) x 2123.5(H)mm	
Chamber Capacity	42.5 cu ft /1204L	
Chamber Material	Stainless steel 304	
Power Supply	100V or 120V or 220V / 50 or 60Hz (670W)	
CO ₂	n/a	0 ~ 20%
Sensor	n/a	Dual Beam Infrared Sensor(IR)
Accuracy	n/a	±0.1% at 5%
Alarm	Temperature, Door Open	Temperature, CO ₂ , Door Open
Analogue Output	Temp, Alarm Contact, Roller Alarm Contact	Temp, CO ₂ , Alarm Contact, Roller Alarm Contact

*Condition : RT at 25°C with 3 shelves in chamber. No cell containers or roller apparatus inside.
This performance may vary dependaning on condition of surrounding temperature, volume of container in chamber.



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CO₂ INCUBATORS
IR CONCENTRATORS
LIVE CELL STATIONS
SHAKERS & WATER BATHS
WORK STATIONS
OTHERS
BIO MEDICAL EQUIPMENT
BIO CLEAN ROOM

Techno-Park 402-803, Pyeongcheon-ro 655,
Wonmi-Gu, Bucheon-Si, Gyeong-GI Province, Republic of KOREA
Tel : +82 32 321 2100,
Fax : +82 32 328 2372
E-mail : export@n-biotek.com
Website : www.n-biotek.com

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