

Max-Roll™

N-BIOTEK Roller Apparatus

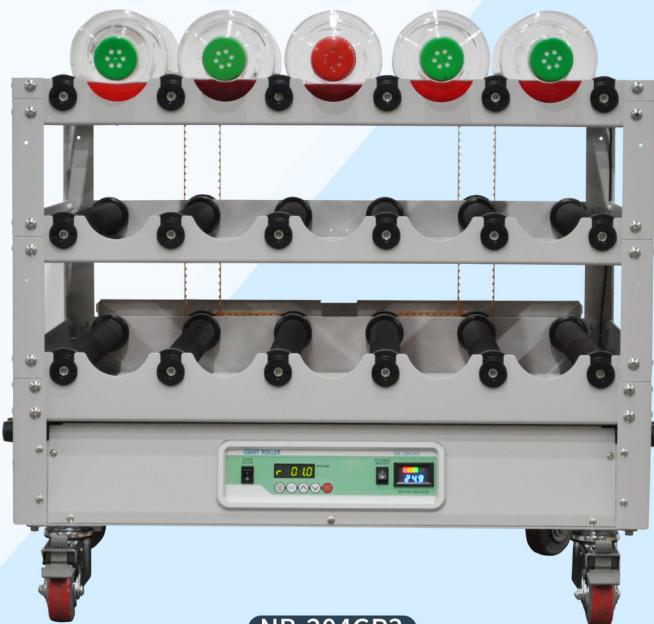
NB-204GR Series

Description

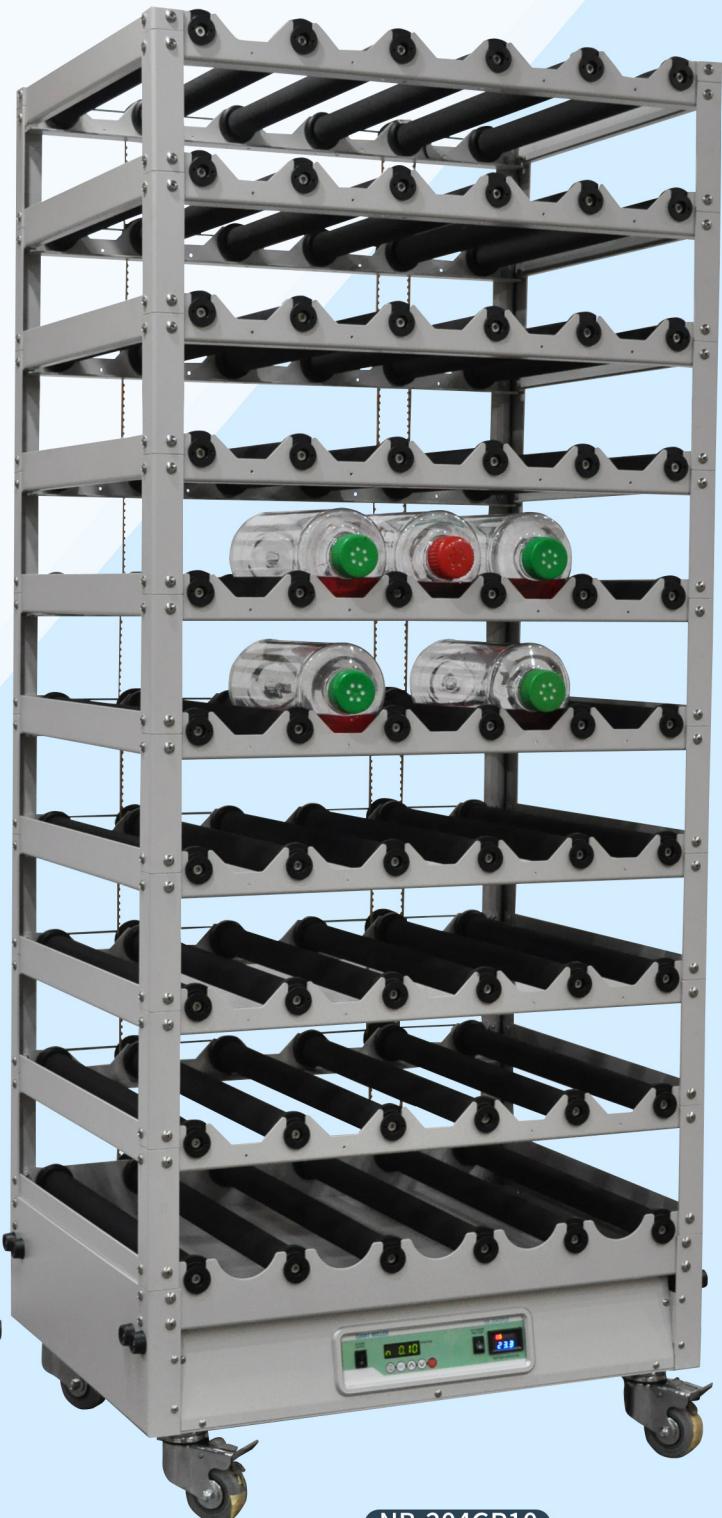
N-BIOTEK Roller Apparatus is designed for using in the production of massive attachment cells. The rollers are available in 10 bottles per one deck and up to 100 bottles in 10 decks of roller. Roller's Micro Stepping Motor makes less vibration and low noise for stable rotation. All rollers are available to use in N-BIOTEK's Large Capacity incubator, **Max Cell Giant™**.

Features

- Maintenance free brushless DC motors
 - for low noise and vibration
- Large Loading Capacity up to 100 bottles
 - 2 bottles in one rolling part
- Steel reinforced Polyurethane timing belts
 - for years of trouble-free operation
- Powder coated aluminum body
 - for durability and cleanliness, rust-proof
- Caster for Mobility and caster locks for Immobility
- Oil lubricants free system
- Auto-restart after power failure
- Audible Alarm & Optional Alarm Contact
 - for the error in belt and motor
- Built-in Battery back-up(Optional)
 - approx. 24 hours of operation in the event of power failure



NB-204GR3



NB-204GR10

Max-Roll™

N-BIOTEK Roller Apparatus

NB-204GR Series

Product Details



NB-204GR10 installed
in N-BIOTEK's Max Cell Giant™



2 of 2000ml Bottle



Caster



Battery Back-up(Option)



Control Panel



Urethane Timing Belt & Pully Belt

Specifications

The models of roller are various depending on its number of decks from GR1 to GR10.
Specification as below is for just two models for example. Clearance between decks are all same.

ITEMS	UNIT	NB-204GR3	NB-204GR10
Speed	Range	rpm	0.1 rpm to 6.0 rpm (*based on 2Liter Bottle RPM)
	Resolution	rpm	0.1 rpm
	Increment	rpm	0.1 rpm
Time	Range	Hour / Mins	1Minute to 99Hours 59Minutes or continuous operation
	Accuracy	%	±1 %
Display	-	-	5 Digit LED display
Motor	-	-	Micro Stepping Motor
Maximum Bottle Loading Capacity (* 2Liter bottle)	mm, ea	110 to 120mm, 30ea *Bottle Length below 250mm	110 to 120mm, 100ea *Bottle Length below 250mm
Roller deck dimension	mm		750(w) x 564(D)
Overall dimension	mm	756(W) x 625.5(D) x 642(H)	756(W) x625.5(D) x1799(H)
Ambient Temperature	°C		0 to 50°C
Ambient Humidity	%RH		35 to 85%RH
Motor Contro	-	-	32 bit DSP PWM Drive
Motor Input Voltage	Vdc		24vdc ±10%
Alarm Function	-	-	Buzzer, Display
Power Supply	V, Hz, W	AC90 to 264V, 50/60Hz, Max. 70W	AC90 to 264V, 50/60Hz, Max. 75W
Weight	kg	About 40kg or less	About 80kg or less