



NeoFuge 4000 (Clinical Centrifuge)

NB-12-4011



NeoFuge 4000

(Clinical Centrifuge)

Cat# NB-12-4011

Usually, what starts with a bang tends to end with a fizzle, and that's how most clinical centrifuges are. Armed with tall claims of powerful performance and a long list of features that are nothing but gimmicks designed to attract customers, these centrifuges are neither reliable nor durable. In a quest to boost profits and increase margins, most manufacturers settle for low- quality components and materials for these devices. In the end, it's the user who has to suffer the most as they watch their investment go to waste. Also, these devices suffer from a lack of good design which makes them bulky and space-consuming.

But the NeoFuge 4000 is remarkably different. Shaped by extensive R&D into users' requirements and feedback, NeoFuge 4000 provides you with the latest cutting-edge technology for the PRP protocol

With multiple rotor options, NeoFuge 4000 can accommodate a wide-range of sample sizes which makes it extremely versatile. Considering the shortage of space in laboratories, the device is also designed with a compact footprint to occupy less space relative to its functionality. Class- leading features and safety like Motorized latch, favorite mode, microprocessor-controlled BLDC motor gives the user unprecedented convenience and ease-of-use.

Neo Biotech

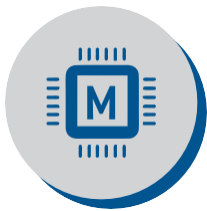
Product Features



Unique 6 Tube Rotor Design
6 - Allows Use Of 10ML Tubes
Swing In A Smaller Compact Unit



Maintenance Free,
Long Life BLDC Motor



Microprocessor Controlled
For Efficient Performance
Even Under High Loads.



Lid Lock Safety Feature -
Lid Opens Automatically
On Run Completion



Motorized latch with more
strength and reliability



Timer Setting From
1 To 999 Mins & infinite



Digital Display With
Speed & Time Setting



Variable Speed Selection
From 500 To 4000 RPM
(In Steps Of 10 RPM)



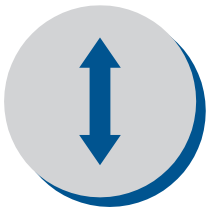
Product Features



Imbalance Detection
Feature With Auto- Cut
Off Safety



Favorite Mode: Allows
User To Set Upto 99 User
Defined Programs



Low Loading Height
For Ease Of Operation.



Enlarged interior space for
better cooling of the chamber



One Touch RPM / RCF
Conversion & Short Spin
Operation Option On Keypad



Smart Airflow Design Ensures
Chamber Temperature
Rise Is Under Control



Safe Low
Voltage Device



Centrally placed latch lock
for effortless closure



Rotor Options

Swing out rotor
6 x 10 ml | 2270 x g



Fixed angle
8 x 15ml | 1950 x g



Fixed angle
16 x 10ml | 2180 x g



Specifications

Specifications

Dimension (W x D x H)
Weight of Equipment
Permissible Temp.
Humidity
Altitude
Pollution Degree
Environment
Noise Level
Power Adaptor Details
Power Consumption

NeoFuge 4000

381 x 480 x 185 (mm)
8.2 kg (without rotor)
5-40°C
<80%
Use upto an altitude of 2000 m above MSL
2
For indoor use only
≤65 dB
Input: 100-240 VAC, 50/60 Hz
Output: 24V 5A
90 W

Rotor Specification

	6 Tubes Rotor		8 Tubes Rotor	16 Tubes Rotor
Rotor	6 x 10ml Swing Rotor		8 x 15ml Fix angle Rotor	16 x 10ml Fix angle Rotor
Maximum Capacity	6 x 2ml, 6 x 3ml, 6 x 4ml	6 x 10ml, 6 x 9ml, 6 x 6ml	8 x 15ml Conical tube	16 x 10ml Gel tube
Nominal RCF	1840 g	2270 g	1950 g	2180 g
Acceleration Time	45 second		45 second	45 second
Deceleration Time	40 second		70 second	70 second
Power	90 W		24 W	35 W
Current Consumption	3.7 A		1.01 A	1.45 A



Ordering Information

NeoFuge 4000		
Product Name	Cat #	Details
NeoFuge 4000	NB-12-4011	Clinical Centrifuge 4000 RPM
Accessories		
Part Name	Details	
6 Slot Rotor	6 x 10 ml Swing Out Rotor 2270 x g	
8 Slot Rotor	8 x 15 ml Fixed Angle Rotor 1950 x g	
16 Slot Rotor	16 x 10 ml Fixed Angle Rotor 2180 x g	
Swing rotor tube holder (10 ml) Adaptors	Tube holder for 10ml Tube for Swing rotor (1 unit) x Quantity	
Sleeve for 6 ml tube	Sleeve for using 6 ml tube in SH10 (1 unit) x Quantity	
Swing rotor tube holder (3/4 ml) Adaptors for 3 / 4 ml	Tube holder for 3/4ml Tube for Swing rotor (1 unit) x Quantity	
Power Adaptor	Power Adaptor with specific pin type	
Power Cable	Only Power cable with specific Pin type	
Allen Key	Allen key For Rotor fitment	