



NF800/800R

Multi-Purpose
Bench Top Centrifuges

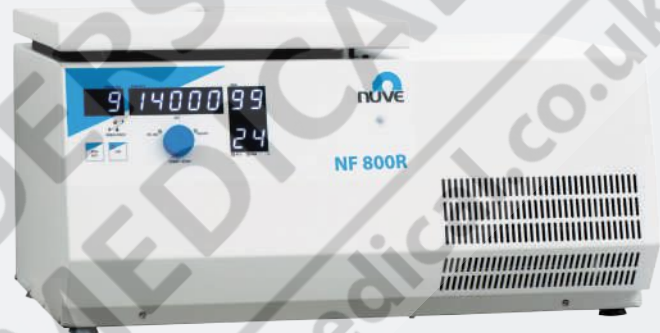


N-prive



NF 800 and NF 800R multi-purpose bench top centrifuges are designed to meet most of the centrifugation requirements in the medical, biology, research and quality control laboratories for medium sized samples.

NF 800/800R offer an excellent price-quality ratio in terms of versatility, performance, ease of use, safety and reliability.



VERSATILITY

- NF 800/800R answers multiple needs in a single instrument with five different rotors
- The swing-out rotor with a maximum capacity of 4x200 ml can accommodate the tubes which are mostly used in the laboratories.
- Microtitre plate rotor with a capacity of 2x3 pcs. plates.
- 30x15 ml angle rotor with choice of different adaptors
- For high speed requirements, two angle rotors with the capacities of 6x50 ml and 24x1,5/2 ml



SAMPLE PROTECTION

- NF 800 ventilated model incorporates CoolRun™ technology whereby effective air circulation through the air channel in the lid rapidly removes heat from the chamber, keeping temperature rise to an absolute minimum.
- Refrigerated model NF 800R, programmable over a wide range of temperatures between -9°C and +40°C for heat sensitive samples, can sustain +4°C even at maximum speed to protect biologically active samples.

PRECISION

- N-Prime™ programmable microprocessor control system for accurate operations
- Programming option as speed or RCF
- Programmable acceleration and braking in 10 different rates to optimize run time and avoid resuspension

CONVENIENCE

- Easy programming with one button, just turn and push
- Bright LEDs on near-vertical displays can easily be seen from across the laboratory
- Display of all programmable parameters during operation
- Ten program memories for frequently made applications
- Audible and visual warning at the end of the program
- Quite and brushless induction motor



SAFETY

- Buckets with transparent hermetically sealed caps to provide protection against pathogenic or hazardous samples in case of tube breakage
- Electronic imbalance detector shuts down the run if an unbalanced load is detected
- Easy to clean stainless steel, corrosion-resistant chamber
- Steel barrier ring around the chamber for protection against breakage
- The lid interlock ensures that the lid cannot be opened if the centrifuge is running and a run cannot be started if the lid is not shut correctly. An 'Open' message informs the user.
- Rotor over speed protection to spin the rotor at its maximum allowed speed if wrong program is operated
- Motor overheating protection
- Diagnostic system for possible failures.



SWING-OUT ROTORS AND ACCESSORIES

Code	Rotor	Description	Capacity	Max. Tube Dia. (mm)	Radius (mm)	Max. Speed rpm	Max. RCF xg
B 50 013	RA 200	Swing-out rotor	4x200 ml		162	4.100	3.045
G 51 026		Set of 4 buckets	200 ml	57			
G 51 033		Set of 4 buckets with sealing cap	200 ml	57			
G 51 032		Set of 4 PP bottles with cap	200 ml	56,5			
G 51 031		Set of 4 inserts	1x100 ml	45			
G 51 030		Set of 4 inserts	1x50 ml conical	30			
G 51 028		Set of 4 inserts	7x15 ml	17			
G 51 029		Set of 4 inserts	3x15 ml conical	17			
G 51 027		Set of 4 inserts	7x5/7 ml	13,5			
B 50 018	MP 200	Microtitre plate rotor	2x3 microtitre plate		125	4.100	2.349

Note: 200 ml bottles do not require inserts

TECHNICAL SPECIFICATIONS

	NF 800	NF 800R
Maximum Speed	Swing-out Rotor: 4.100 rpm Angle Rotor: 14.000 rpm	
Maximum RCF	Swing-out Rotor: 3.045xg Angle Rotor: 18.405 xg	
Tube Capacity	Swing-out Rotor: 4x200 ml Angle Rotor: 6x50 ml	
Control System	N-Prime™ Programmable Microprocessor Control	
Speed Set Range	500-14.000 rpm	
Speed Set Step	10 rpm	
Speed Control Accuracy	± 20 rpm	
Timer Set Range	1-99 minutes and hold position	
Timer Set Step	1 minute	
Acceleration/Braking Rates	10/10	
Temperature Range	-	-9°C / +40°C
Temperature Set Step	-	1°C
Motor	Induction Motor	
Body and lid	Epoxy-polyester Powder Coated Steel	
Chamber	Stainless Steel	
Power Supply	230 V / 50-60 Hz (115 V / 60 Hz)	230 V / 50-60 Hz
Power Consumption	500 W	800 W
External Dimensions (WxDxH) mm	455x545x400	770x545x405
Packing Dimensions (WxDxH) mm	520x600x610	870x650x570
Net / Packed Weight kg	44 / 48	75 / 86

ANGLE ROTORS AND ACCESSORIES

Code	Rotor	Description	Capacity	Max. Tube Dia. (mm)	Radius (mm)	Max. Speed rpm	Max. RCF xg
B 50 017	RS 300	Angle rotor	6x50 ml	29,5	104	9.000	9.418
G 51 024		Set of 6 adaptors	6x15 ml conical	17			
G 51 025		Set of 6 rubber base adaptors	6x50 ml conical	29,5			
B 50 015	RS 450	Angle rotor	30x15 ml	17	160	4.100	3.007
G 03 057		Adaptor	1x1,5/2 ml	11			
G 03 014		Adaptor	1x7 ml	13			
G 03 015		Adaptor	1x5 ml	13			
B 50 014	RS 24	Angle rotor with lid	24x1,5/2 ml	11	84	14.000	18.405
A 14 005		Adaptor	1x500/800 µl	8			
A 14 006		Adaptor	1x200 µl PCR	6,5			
A 14 007		Adaptor	1x250/400/700 µl	6			



NUVE SANAYİ MALZEMELERİ İMALAT VE TİCARET A.Ş.

Saracalar Mah. Saracalar Kümeevleri No: 4/2 Akyurt 06750 ANKARA / TURKEY t. +90 312 399 28 30 f. +90 312 399 21 97
nuve.com.tr sales@nuve.com.tr

ISO 9001: 2008
ISO 13485: 2003



LABORATORY EQUIPMENT MAINTENANCE, REPAIR, CALIBRATION AND SALES

Established in 1987, Henderson Biomedical is the UK's leading laboratory equipment sales and service provider. Our knowledgeable team can provide you with excellent sales advice on a range of different types of laboratory equipment including centrifuges, refrigerators, freezers and heat sealers.

Henderson Biomedical is also able to provide you with first class after-sales service and calibration of your laboratory equipment. We are an **ISO 17025 (UKAS) accredited calibration test laboratory** and our team of Field Service Engineers cover the whole of the United Kingdom.

Please contact us for more information on the types of equipment we supply and the different after-sales services we can offer.

Henderson Biomedical

Unit 3, Swan Close
Croydon CR0 2DZ
United Kingdom

Tel: 020 8663 4610

**For sales enquiries: sales@henderson-biomedical.co.uk
For all other enquiries: info@henderson-biomedical.co.uk
www.henderson-biomedical.co.uk**

