



NEYA 2

Simplifies Day to Day Work



**Specialized Rotor
for Diagnostic labs**



**Specially Designed Blood Tube Rotor
(16 Blood Tubes of 5/7ml)**





NEYA 2

Simplifies Day to Day Work



Specially Designed Blood Tube Rotor (16 Blood Tubes of 5/7ml)

REMI Neya 2 with European Design is a perfect combination of performance & Characteristics.

Precise control on speed is through microprocessor based VFD controller, helps in efficient results for sensitive diagnostic tests.

REMI Neya 2 is designed with compact footprint considering the day to day requirements of small to medium medical diagnostic laboratories.

Specialized hybrid rotor to fit both popular sample tubes simultaneously.

1. Short Blood collection Tubes (Size - 12.5mm X 75 mm)
2. Long Blood collection Tubes (Size - 12.5mm X 100 mm)

Salient Features

- Brushless induction motor
- Speed control through VFD
- Microprocessor controller
- Feather touch keys for Smooth and soft start
- Green LED display
- Maximum RPM 4000 and maximum RCF 2330 g
- Lid interlock, Dynamic brake and Imbalance detection
- Emergency lid opening
- Accurate speed ± 10 RPM
- Timer up to 99 minutes
- Last parameter recall
- Calibration window
- Comes with special blood tube rotor

Technical Specification

Particulars		Neya 2
Capacity	ml	16 X 5/7 ml
Tube Size	Dia X Length (in mm)	12.5 X 100 (long) 12.5 X 75 (short)
Max. Speed	RPM	4000
Max. RCF	'g'	2330
W X D X H	mm	325 x 370 x 280

Supply: 220 V, 50 Hz Single phase



NEYA - 4 NEYA - 6

Truly Versatile Centrifuge



NEYA 6

NEYA 4

**Specialized Rotor
for Diagnostic labs**



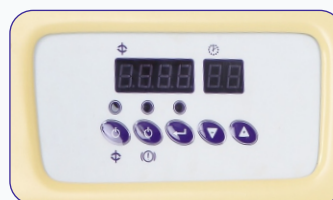
SN 4-100 + Bucket B 9-5
36 Nos Blood Tubes of 5/7ml

NEYA - 4 NEYA - 6

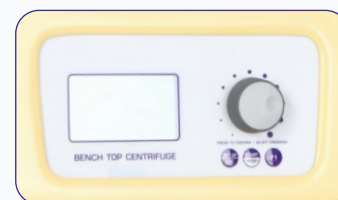
Truly Versatile Centrifuge



LED Display



LCD Display



REMI Neya 6 & Neya 4 with European Design is a perfect combination of performance & characteristics

REMI Neya 6 & Neya 4 are designed considering the specific requirements of medical laboratories. Precise control of all run parameters helps in efficient results for sensitive diagnostic tests. Wide choice of rotor heads and adaptors makes these bench top centrifuges truly versatile.

Salient features:

- Automatic rotor identification, ensures operator safety
- Stainless steel centrifuge chamber, easy to clean
- Brushless induction motor, speed control with VFD (*Variable Frequency Drive*)
- Microprocessor controller with digital display
- Stable speed output even under unstable voltage conditions
- Smooth & soft start
- Low sample temperature rise
- Inverter fault detection with auto shutdown
- Safety lid interlock to prevent lid opening during centrifugation
- Imbalance detection & centrifugation stop with display of error
- Dynamic brake for quick deceleration
- Motor overload protection
- Gas hinge to prevent door falling

- Emergency lid lock release
- Last set parameters recall for standardizing repetitive analysis
- Wide variety of rotors & reduction adaptors
- Enhanced sample capacity - 24 x 15 ml & 36 x 5 ml
- Settable countdown timer up to 99 minutes
- Feather touch keys and bi-directional encoder
- Calibration window on the lid

Technical Data			
Models		NEYA 6	NEYA 4
Max. Speed	rpm	6000	6000
Max. RCF	g	5070	5070
Max. Capacity	ml	400	400
Digital timer range	min	0-99	0-99
Noise	db	≤ 60	≤ 60
Speed Accuracy	rpm	±10	±10
Display		LCD	Green LED
Acceleration Profile		10	Fixed
Deceleration Profile		10	Fixed
Program Memory		10	No
Password Protection		Yes	No
Fast Spin		Yes	No
RCF Display		Yes	No
Setting Buttons		Encoder	Touch key pad
WxDxH	mm	380x470x300	380x470x300

Supply: 220-240Volts 50 Hz Single Phase.



Rotor Heads & Accessories

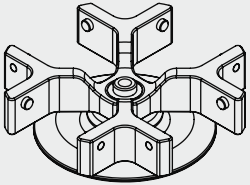
Nomenclature Method of Rotors & Accessories

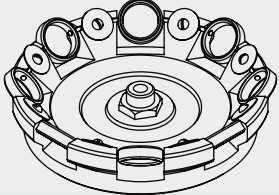
Alphabets in beginning	Numbers in middle
AN = Fixed angle rotor	1st numerical = Quantity per insert
SN = Swing out rotor	2nd numerical = Tube capacity (ml)
B = Bucket	
RA = Reduction adaptor	
Examples	
SN 4-100	(Swing out rotor, 4 tubes of 100ml capacity)
AN 24-15	(Angle rotor, 24 tubes of 15ml capacity)
B 9-5	(Bucket, 9 tubes of 5ml capacity)
RA-161F	(Reduction adaptor for falcon)

Swing out Rotors (except S 4-100) & Angle Rotors are supplied with suitable SS tubes as carriers



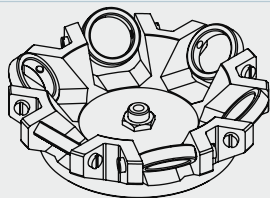
Swing Out Rotors for NEYA 6 & NEYA 4

 Swing Out Rotor SN 4-100 Max. Speed RPM 4000 Max RCF (g) 2500				Metal Buckets suitable for Swing Out Rotor SN 4-100					
				B 100			B 9-5		
				 					
Image of Tube									
Tube Capacity (ml)	100	50	50	30	15	15	10	6	5
Type of Tube	Glass	Glass	Falcon®	Glass	Glass	Falcon®	Vacutainer®	Vacutainer®	Vacutainer® short
Ø x L (mm)	45.5 x 104	30 x 110	29 x 116	24 x 110	17 x 110	16.5 x 120	15.5 x 106	12.5 x 106	12.5 x 81
Bucket No.	B 100	B 100	B 100	B 100	B 100	B 100	B 100	B 100	B 9-5
Insert Cat No.	—	RA 157	RA 161F	RA 158	RA 166	RA 160F	RA 168	RA 167	—
Tubes supplied	Yes	Yes	No	Yes	Yes	No	No	No	No
No of tubes/Insert	1	1	1	1	3	3	3	4	9
No of tubes/rotor	4	4	4	4	12	12	12	16	36

Swing Out Rotor SN 8-15 Max. Speed RPM 4500 Max RCF (g) 3440 		Image of Tube							
		Tube Capacity (ml)	15	13	8	6	5	5	3
		Type of Tube	Glass	Borosil Glass	Glass	Vacutainer®	Glass	Vacutainer® short	Glass
		Ø x L (mm)	17 x 110	15 x 125	12 x 100	12.5 x 106	12 x 75	12.5 x 81	10 x 75
		Insert Cat No.	—	—	RA 154	RA 163	RA 153	RA 162	RA 152
		Tubes supplied	Yes	No	Yes	No	Yes	No	Yes
		No of tubes/Insert	1	1	1	1	1	1	1
		No of tubes/rotor	8	8	8	8	8	8	8



Rotor Heads & Accessories

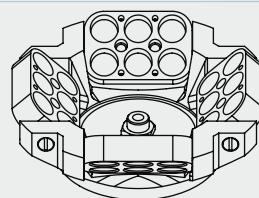


Swing Out Rotor SN 6-50

Max. Speed RPM 4500

Max RCF (g) 3530

Image of Tube					
Tube Capacity (ml)	50	30	15	15	10
Type of Tube	Glass	Glass	Falcon®	Glass	Vacutainer®
Ø x L (mm)	30 x 110	24 x 110	16.5 x 120	17 x 110	15.5 x 106
Insert Cat No.	—	RA 502	RA 501F	RA 501	RA 164
Tubes supplied	Yes	Yes	No	Yes	No
No of tubes/Insert	1	1	1	1	1
No of tubes/rotor	6	6	6	6	6



Swing Out Rotor SN 24-15

Max. Speed RPM 4500

Max RCF (g) 3330

Image of Tube						
Tube Capacity (ml)	15	8	6	5	5	3
Type of Tube	Glass	Glass	Vacutainer®	Glass	Vacutainer® short	Glass
Ø x L (mm)	17 x 110	12 x 100	12.5 x 106	12 x 75	12.5 x 81	10 x 75
Insert Cat No.	—	RA 154	RA 163	RA 153	RA 162	RA 152
Tubes supplied	Yes	Yes	No	Yes	No	Yes
No of tubes/Insert	1	1	1	1	1	1
No of tubes/rotor	24	24	24	24	24	24

Angle Rotors for NEYA 6 & NEYA 4

Angle Rotor AN 4-100

Max. Speed RPM 6000

Max RCF (g) 4550

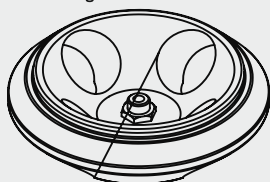


Image of Tube								
Tube Capacity (ml)	100	50	50	15	15	15	10	6
Type of Tube	Plastic	Falcon®	Glass	Glass	Glass	Falcon®	Vacutainer®	Vacutainer®
Ø x L (mm)	45.5 x 104	29 x 116	30 x 110	17 x 110	17 x 110	16.5 x 120	15.5 x 106	12.5 x 106
Insert Cat No.	—	RA 161F	RA 161	RA 160	RA 166	RA 160F	RA 168	RA 167
Tubes supplied	Yes	No	Yes	Yes	Yes	No	No	No
No of tubes/Insert	1	1	1	1	3	1	3	4
No of tubes/rotor	4	4	4	4	12	4	12	16

Angle Rotor AN 6-50

Max. Speed RPM 6000

Max RCF (g) 4700

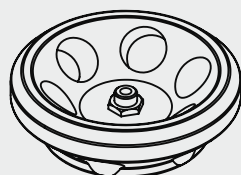


Image of Tube					
Tube Capacity (ml)	50	30	15	15	10
Type of Tube	Plastic	Glass	Glass	Falcon®	Vacutainer®
Ø x L (mm)	30 x 100	24 x 110	17 x 110	16.5 x 120	15.5 x 106
Insert Cat No.	—	RA 502	RA 501	RA 501F	RA 164
Tubes supplied	Yes	Yes	Yes	No	No
No of tubes/Insert	1	1	1	1	1
No of tubes/rotor	6	6	6	6	6

Angle Rotor AN 24-15

Max. Speed RPM 6000

Max RCF (g) 5070

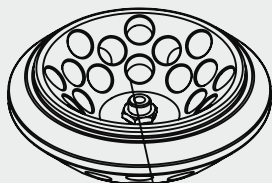


Image of Tube						
Tube Capacity (ml)	15	8	6	5	5	3
Type of Tube	Plastic	Glass	Vacutainer®	Glass	Vacutainer® short	Glass
Ø x L (mm)	17 x 102	24 x 100	12.5 x 106	12 x 75	12.5 x 81	10 x 75
Insert Cat No.	—	RA 154	RA 163	RA 153	RA 162	RA 152
Tubes supplied	Yes	Yes	No	Yes	No	Yes
No of tubes/Insert	1	1	1	1	1	1
No of tubes/rotor	24	24	24	24	24	24



NEYA - 16

Truly Versatile Centrifuge



Single Rotor Offers

High Capacity



Bucket B 16-5/7
64 Blood Tubes



Swing out Rotor
S 4-175

Flexibility



Bucket B 175
(Aerosol-tight cap)
2 ml to 175ml Adaptors
Varied Applications





NEYA - 16

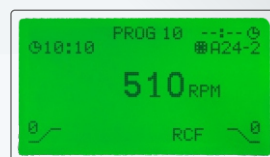
Truly Versatile Centrifuge

REMI Neya 16 with European Design is a perfect combination of performance & characteristics

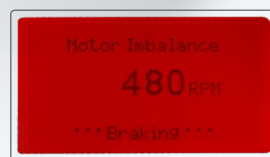
REMI Neya 16 is designed considering the specific requirements of medical laboratories. Precise control of all run parameters helps in efficient results for sensitive diagnostic tests. Wide choice of rotor heads and adaptors makes these bench top centrifuges truly versatile.

Salient Features

- Brush less motor with variable frequency drive, maintenance free
- Microprocessor controller with multicolor backlit LCD display
- 10 program memory with password protection
- 10 Acceleration and 10 deceleration profiles
- Fast spin feature for quick run
- Choice of RPM / RCF setting and display
- Automatic rotor detection
- Countdown timer 30 seconds to 99 minutes
- Imbalance detection system with automatic stop function
- Door interlocking system
- Emergency lid opening in case of power failure
- Last program recall
- LED indication to see status of centrifugation from a distance
- Stainless steel centrifugation bowl with armoured chamber
- Comfortable height for an easy access
- Sophisticated anti vibration system
- Construction in accordance with European directives
- No puller required for rotor removal
- Hydraulic hinges for soft touch lid opening & closure



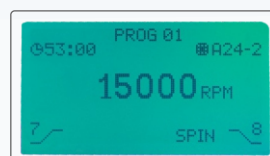
Centrifugation process



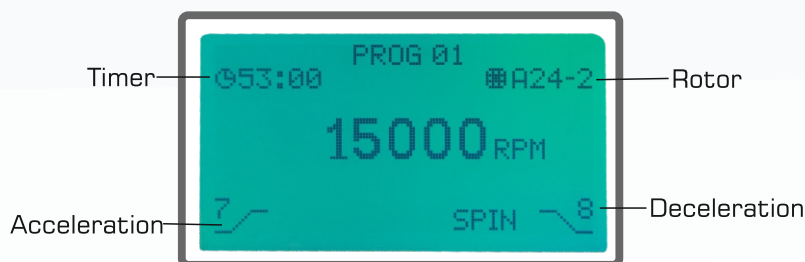
Alarm



Protected Program



Standby



Technical Specifications

Parameter	Neya 16
Max Speed (RPM)	16000
Max RCF (g)	21000
Max Capacity (ml)	4 x 175
Acceleration Profiles	10
Deceleration Profiles	10
Display	Multi-color LCD
No of Programmes	10 (Protected)
Timer	30 sec to 99 min & Continuous mode
WxDxH	440 x 560 x 335
Supply	220v, 50 Hz, 1 Phase
Power consumption	280 W
Noise Level	<55 dBA



Nomenclature method of Rotors & Accessories

Alphabets in beginning	Numbers in middle	Alphabets at end	Examples	Description
A = Fixed angle rotor	1st numerical = Quantity per insert	F = Falcon® tube	S 4-175	(Swing out Rotor, 4 tubes of 175ml capacity)
S = Swing out rotor	2nd numerical = Tube capacity (ml)	R = Round bottom tube	S 4-175	(Swing out Rotor, 4 tubes of 175ml capacity)
B = Bucket		L = Long Tube	A 32-15	(Angle Rotor, 32 tubes of 15ml capacity)
I = Insert for bucket		S = Short Tube	B 2-50F	(Bucket, 2 tubes of 50ml capacity, Falcon®)
C = Cushion			I 1-50R	(Insert, 1 tube of 50ml capacity round bottom)
RE = Reducer			ˆC -15F	(Cushion for 15ml Falcon®)
HE = Haematocrit Rotor			RE 15-5/7L	(Reducer from 15ml to 5/7 ml long tube)

Options to be selected from following Rotors

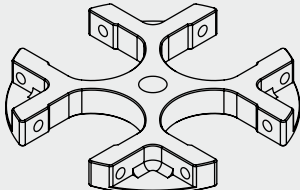
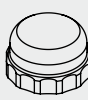
 Swing Out Rotor S 4-175 Max. Speed (RPM) 4500 Max. RCF (g) 3600	Metal Buckets suitable for Swing Out Rotor S 4-175 (Set of 4 buckets)					
	B 175 (with Bio safety Lid L 175)	B 2-50 F B 2-50 R	B 7-15 F B 7-15 R	B 12-10	B 14-5/7	B 16-5/7
						

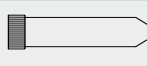
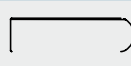
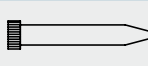
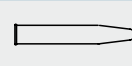
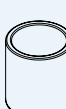
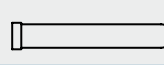
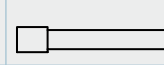
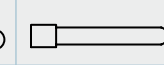
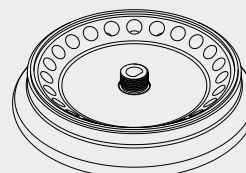
Image of Tube						
Tube Capacity (ml)	175	100	50		15	
Ø x L (mm)	57 x 99	45 x 104	29 x 116		16.5 x 120	
Max. Cap dia (mm)	59.5		34.5		22.5	
Type of Tube	Plastic	Glass / Plastic*	Falcon®		Falcon®	
No of tubes/insert	1	1	1	2	1	2
No of tubes/rotor	4	4	4	8	4	8
Bucket Cat No.	B 175	B 175	B 175	B 2-50 F	B 175	B 2-50 R
Insert Cat No.		I 1-100	I 1-50-F		I 1-50 R	
Image of Insert (Set of 4, supplied with suitable bottom cushions)	No			No		No
Tubes supplied	Yes	Yes (Glass)	No		Yes (Glass)	

Image of Tube				
Tube Capacity (ml)	10	5-7		2
Ø x L (mm)	15.5 x 106	12.5 x 106		11 x 42
Max. Cap dia (mm)	17	16		16
Type of Tube	Vacutainer®	Vacutainer®		Micro
No of tubes/Insert	7	12	7	14
No of tubes/rotor	28	48	28	56
Bucket Cat No.	B 175	B 12-10	B 175	B 14-5/7
Insert Cat No.	I 7-10		I 7- 5/7	
Image of Insert (Set of 4, supplied with suitable bottom cushions)		No		No
Tubes supplied	No	No	No	No

 Angle Rotor A 24-2 Max Speed (RPM) 15000			
Image of Tube			
Tube Capacity (ml)	2	0.5	0.2
Type of Tube	Micro	Micro	Micro
Ø x L (mm)	11 x 41	7.5 x 31	6 x 22
Insert Cat No.	No	RE 2-05	RE 2-02
Tubes supplied	Yes	No	No
No of tubes/Insert	1	1	1
No of tubes/rotor	24	24	24

Note : The inserts are supplied with glass tubes as standard. Plastic tubes are also available (optional)



Angle Rotor A 32-15N

Max. Speed RPM 5200 Max. RCF (g) 4020

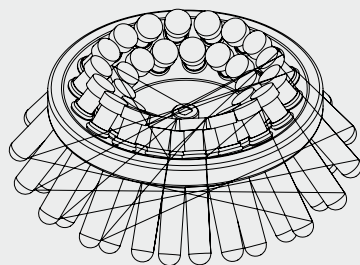


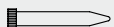
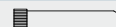
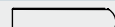
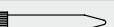
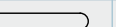
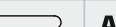
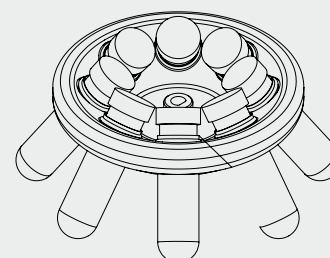
Image of Tube					
Tube Capacity (ml)	15	15	10	5/7	5/7
Ø x L (mm)	16.5 x 120	17 x 102	15.5 x 106	12.5 x 106	12.5 x 81
Max Cap dia (mm)	22.5		17	16	16
Type of Tube	Falcon®	Plastic	Vacutainer®	Vacutainer®	Vacutainer®
Insert Cat No.	C-15 F	No	No	RE 15-5/7	RE 15-5/7
Tubes supplied	No	Yes	No	No	No
No of tubes/Insert	1	1	1	1	1
No of tubes/rotor	32	32	32	32	32

Image of Tube					
Tube Capacity (ml)	50	50	15	15	10
Ø x L (mm)	29x116	30x100	16.5 x 120	17 x 102	15.5 x 106
Max Cap dia (mm)	34.5		22.5		17
Type of Tube	Falcon®	Plastic	Falcon®	Plastic	Vacutainer®
Insert Cat No.	C-50 F	No	RE 50-15 F	RE 50-15 P	RE 50-10
Tubes supplied	No	Yes	No	Yes	No
No of tubes/Insert	1	1	1	1	1
No of tubes/rotor	8	8	8	8	8

Angle Rotor A 8 -50

Max. Speed RPM 6000 Max. RCF (g) 4790



Swing Out Rotor S 6-96 MP

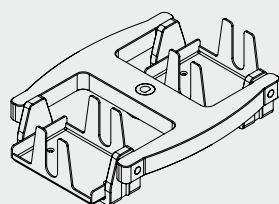


Image of Tube	
Tray Capacity	6 x 96 wells
Max Speed (RPM)	3200
Max RCF (g)	1950
Type of Tray	Micro Titer Tray
W x D x H	127 x 84 x 18
Tray supplied	No

Angle Rotor HE 24-75

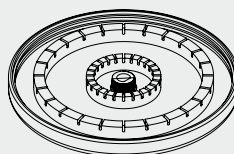
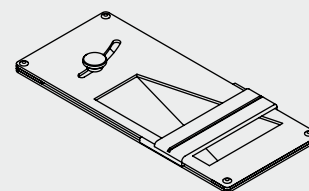


Image of Tube	
Max Speed (RPM)	12000
Max RCF (g)	15300
Tube Capacity (ml)	1
Type of Tube	Capillary
Ø x L (mm)	1 x 75
Tubes supplied	Yes

Reading Device RD 24-75



W x D x H	127 x 84 x 18
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