

**WORLD CLASS
PREMIUM RANGE**

NEYA



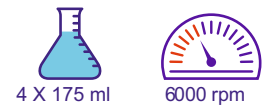
Derived from the Hindi word “NAYA” which means “new”, “novelty”, “innovation”, “NEYA” is the name given to the new generation of centrifuges recently developed by REMI.

REMI, market leader in centrifuges with over 55 years of manufacturing experience, combined with European design and style, makes a perfect combination to develop and present the whole range of “NEYA” centrifuges with performance and characteristics suitable for all the operational needs of modern laboratories.

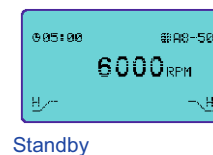
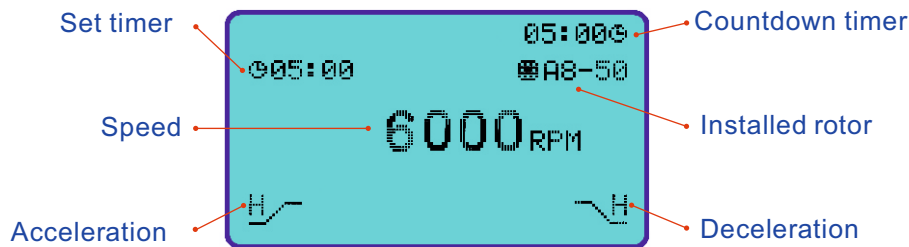
It is with these premises, we are pleased to present the new range of “NEYA” Centrifuge.

NEYA..... a new concept..... a new generation

- Automatic rotor detection, check of presence of accessories and compatibility with maximum speed
- Safety speed limiter function
- Controlled by microprocessor
- Backlit color LCD display with contemporary visualization of all parameters
- Digital adjustment of acceleration and deceleration levels
- Compact sizes to optimize the space in laboratory
- Stainless steel internal bowl with optimal height for loading and unloading of samples
- Imbalance detection system with automatic functioning stop to avoid accidents
- Automatic locking system of the lid
- Safety opening of the lid in case of power failure
- Brushless motor maintenance free and no carbon deposits
- Construction in accordance with European directives
- Motorised lid lock (Optional)



- Maximum capacity 4 x 175 ml
- Maximum speed 6000 rpm



Standby



Centrifugation cycle



Alarm signal

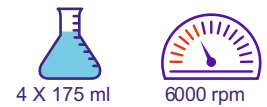
Technical Data	
Features	NEYA-8
Maximum capacity	4 x 175 ml (swing out) - 6 x 100 ml (fixed angle)
Maximum speed	4500 rpm (swing out) - 6000 rpm (fixed angle)
Setting RPM	Yes
Setting RCF	-
Display RCF	-
Timer	00:30 to 99:50 (mm:ss) and continuous mode
Date and Time	-
Acceleration levels	L-M-H (Low - Medium - High)
Deceleration levels	L-M-H (Low - Medium - High)
Spin function	-
Programs	-
Indication of rotor	Yes
Noise	≤ 55 dB
Directive / Standard	IEC 61010-1 ; IEC 61010-2-020
External dimensions WxDxH/Weight	450 x 590 x 330 mm / 40 Kg

Supply: 220-240 Volts, 50 Hz Single Phase.

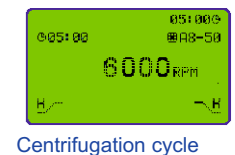
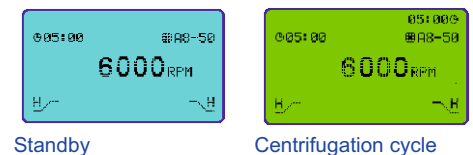
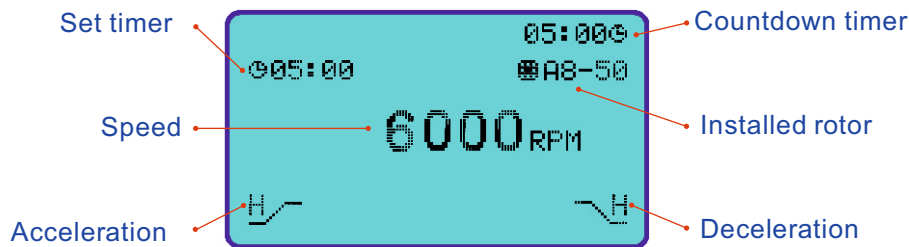


Optimal height for load and download of samples

- Automatic rotor detection, check of presence of accessories and compatibility with maximum speed
- Safety speed limiter function
- Controlled by microprocessor
- Backlit color LCD display with contemporary visualization of all parameters
- Digital adjustment of acceleration and deceleration levels
- Compact sizes to optimize the space in laboratory
- Stainless steel internal bowl with optimal height for loading and unloading of samples
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- Safety opening of the lid in case of power failure
- Brushless motor maintenance free and no carbon deposits
- Construction in accordance with European directives
- Motorised lid lock (Optional)



- Maximum capacity 4 x 175 ml
- Maximum speed 6000 rpm



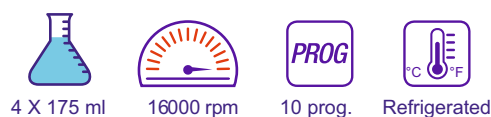
Technical Data	
Features	NEYA-8
Maximum capacity	4 x 175 ml (swing out) - 6 x 100 ml (fixed angle)
Maximum speed	4500 rpm (swing out) - 6000 rpm (fixed angle)
Setting RPM	Yes
Setting RCF	-
Display RCF	-
Timer	00:30 to 99:50 (mm:ss) and continuous mode
Date and Time	-
Acceleration levels	L-M-H (Low - Medium - High)
Deceleration levels	L-M-H (Low - Medium - High)
Spin function	-
Programs	-
Indication of rotor	Yes
Noise	≤ 55 dB
Directive / Standard	IEC 61010-1 ; IEC 61010-2-020
External dimensions WxDxH/Weight	450 x 590 x 330 mm / 40 Kg

Supply: 220-240 Volts, 50 Hz Single Phase.

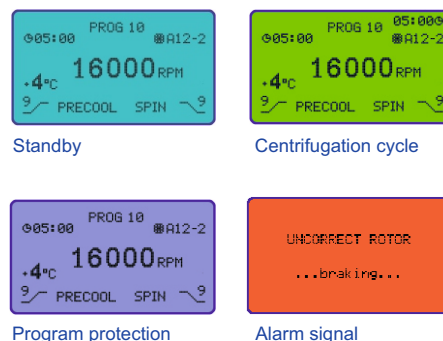
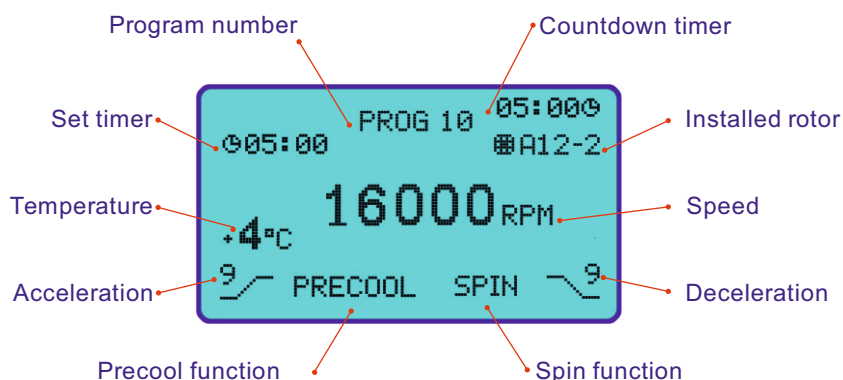


Optimal height for load and download of samples

- Automatic rotor detection, check of presence of accessories and compatibility with maximum speed
- Safety speed limiter function
- 10 storable programs with protection function
- Setting of speed in RPM and RCF
- Short Spin function and precool (NEYA 16R)
- Temperature range from 0°C to +40°C (NEYA 16R)
- Controlled by microprocessor and backlit color LCD display with contemporary visualization of all parameters
- Digital adjustment of acceleration and deceleration levels
- Stainless steel internal bowl with optimal height for loading and unloading of samples
- Imbalance detection system with automatic functioning stop to avoid accidents
- Automatic locking system of the lid
- Safety opening of the lid in case of absence of electric power
- Brushless motor maintenance free and no carbon deposits
- Construction in accordance with European directives



- Maximum capacity 4 x 175 ml
- Maximum speed 16000 rpm



Technical Data		
Features	NEYA-12	NEYA-16R
Maximum capacity	6 x 50 ml (fixed angle)	4 x 175 ml (swing out) - 6 x 100 ml (fixed angle)
Maximum speed	16000 rpm (fixed angle)	4500 rpm (swing out) - 16000 rpm (fixed angle)
Setting RPM		Yes
Setting RCF		Yes
Display RCF		Yes
Timer	00:30 to 99:50 (mm:ss) and continuous mode	
Date and Time	Yes	
Acceleration levels	0-9 (0 = min - 9 = max)	
Deceleration levels	0-9 (0 = min - 9 = max)	
Temperature range (Settable)	-	-10°C to +40°C
Precool function	-	Yes
Display temperature	-	Yes (°C and °F)
Spin function	Yes	
Programs	10 programs with protection function	
Indication of rotor	Yes	
Noise	≤ 55 dB	≤ 55 dB
Directive / Standard	IEC 61010-1 ; IEC 61010-2-020	
External dimensions WxDxH/Weight	450 x 590 x 330 mm / 40 Kg	730 x 640 x 330 mm / 70 Kg
Recommended Voltage Stabilizer	-	VS-02

Supply: 220-240 Volts, 50 Hz Single Phase.

Selection guide for centrifuge and rotors

		Technical Data				
		NEYA 8	NEYA 10	NEYA 10R	NEYA 12	NEYA 16R
Max. Speed	rpm	6000	6000	6000	16000	16000
Max. RCF	g	4800	4800	4800	21000	21000
Max. Tube size	ml	175	175	175	50	175
Max. capacity		700	700	700	300	700
No. of Programs		-	10	10	10	10
Acceleration [#]		H-M-L	10 Profiles	10 Profiles	10 Profiles	10 Profiles
Deceleration [#]		H-M-L	10 Profiles	10 Profiles	10 Profiles	10 Profiles
Lowest Temp.*	°C	-	-	0	-	0
 S 4-175 max 4500 rpm max 3600 g		✓	✓	✓		✓
 S 6-96 MP 6 x 96 deep wells max 3200 rpm max 1950 g		✓	✓	✓		✓
 A 32-15N 32 x 15 ml max 5200 rpm max 4020 g		✓	✓	✓		✓
 A 8-50 8 x 50 ml max 6000 rpm max 4800 g		✓	✓	✓		✓
 A 24-2 24 x 2 ml max 15000 rpm max 21000 g					✓	✓
 A 36-05 36 x 0.5 ml max 15000 rpm max 21000 g					✓	✓
 A 6-100 6 x 100 ml max 5000 rpm max 3330 g		✓	✓	✓		✓
 A 6-50 6 x 50 ml max 9500 rpm max 10050 g					✓	✓
 PCR 4-8 4 strip of 8 PCR max 15000 rpm max 21000 g					✓	✓
 A 12-5 12 x 5 ml max 15000 rpm max 20380 g					✓	✓
 A 12-2 12 x 2 ml max 16000 rpm max 16140 g					✓	✓
 HE 24-75 Ø1 x 75 mm max 12000 rpm max 15300 g 24 capillars					✓	✓

Notes:

* Depending on capacity, type of rotor, centrifugation speed, ambient temperature and other process parameters

High - Medium - Low

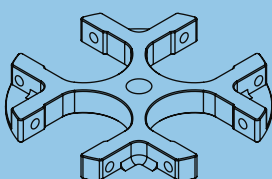
Selection guide for rotors

Nomenclature method of Rotors & accessories

Alphabets in beginning	Numbers in middle	Alphabets at end
A= Fixed angle rotor	1st numerical = Quantity per insert	F= Falcon® tube
S= Swing out rotor	2nd numerical = Tube capacity (ml)	R = Round bottom tube
B= Bucket		L= Long Tube
I= Insert for bucket		S= Short Tube
C= Cushion		
RE= Reducer		
HE= Haematocrit Rotor		

Examples	
S 4-175	(Swing out Rotor; 4 tubes of 175ml capacity)
A 32-15N	(Angle Rotor, 32 tubes of 15ml capacity)
B 2-50 F	(Bucket, 2 tubes of 50ml capacity, Falcon®)
I 1-50 R	(Insert, 1 tube of 50ml capacity round bottom)
C 15F	(Cushion for 15ml Falcon®)
RE 15-5/7	(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	

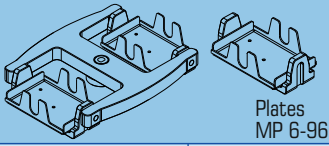
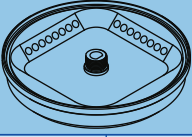
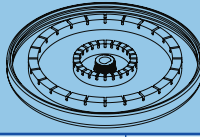
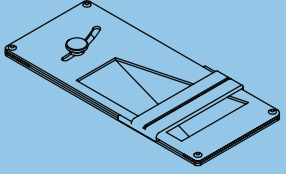



Image of Tube										
Tube Capacity (ml)	175	100	50		15					
Ø x L (mm)	57 x 99	45 x 104	29 x 116		30 x 110		16.5 x 120		17 x 110	
Max. Cap dia (mm)	59.5		34.5				22.5			
Type of Tube	Plastic	Glass / Plastic*	Falcon®		Glass / Plastic*		Falcon®		Glass	
No of tubes/insert	1	1	1	2	1	2	4	7	4	7
No of tubes/rotor	4	4	4	8	4	8	16	28	16	28
Bucket Cat No.	B 175	B 175	B 175	B 2-50 F [#]	B 175	B 2-50 R [#]	B 175	B 7-15 F [#]	B 175	B 7-15 R [#]
Insert/Cushion No.	C 175	I 1-100 [#]	I 1-50-SF [#]		I 1-50 R [#]		I 4-15 F [#]		I 4-15 R [#]	
Image of Insert (Set of 4, supplied with suitable bottom cushions)	No			No		No		No		No
Tubes supplied	Yes	No	No	No	No	No	No	No	No	No

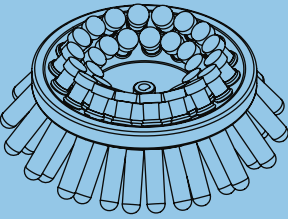

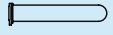

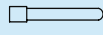
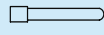
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Image of Tube							
Tube Capacity (ml)	10		5/7		5/7		2
Ø x L (mm)	15.5 x 106		12.5 x 106		12.5 x 81		11 x 41
Max. Cap dia (mm)	17		16		16		
Type of Tube	Vacutainer®		Vacutainer®		Vacutainer®		Micro
No of tubes/Insert	7	12	7	14	7	16	12
No of tubes/rotor	28	48	28	56	28	64	48
Bucket Cat No.	B 175	B 12-10 [#]	B 175	B 14-5/7 [#]	B 175	B 16-5/7 [#]	B 175
Insert/Cushion No.	I 7-10 [#]		I 7-5/7 [#]		I 7-5/7 [#]		I 12-2 [#]
Image of Insert (Set of 4, supplied with suitable bottom cushions)		No		No		No	
Tubes supplied	No	No	No	No	No	No	No

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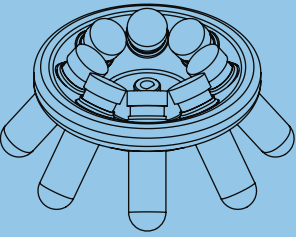




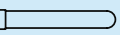
Selection guide for rotors

Swing Out Rotor S 6-96 MP Max speed RPM 3200 Max RCF (g) 1950  Plates MP 6-96		PCR Rotor PCR 4-8 Max speed RPM 15000 Max RCF (g) 21000 		Angle Rotor HE 24-75 Max speed RPM 12000 Max RCF (g) 15300 		Reading Device RD 24-75 	
Image of Tube		Image of Tube		Image of Tube		W x D x H	127 x 84 x 18
Tube Capacity (ml)	6 x 96 wells	Tube Capacity (ml)	4 strips of 8 PCR	Tube Capacity (ml)	–		
Type of Tube	Micro	Type of Tube	PCR	Type of Tube	Capillary		
No of tubes/rotor	6	No of tubes/rotor	4	No of tubes/rotor	24		
W x D x L (mm)	127 x 84 x 18	Ø x L (mm)	6 x 78	Ø x L (mm)	1 x 75		
Tubes supplied	No	Tubes supplied	No	Tubes supplied	Yes		

Angle Rotor A 32-15N Max speed RPM 5200 Max RCF (g) 4080 	Image of Tube					
	Tube Capacity (ml)	15	15	10	5/7	5/7
	Type of Tube	Falcon®	Plastic	Vacutainer®	Vacutainer®	Vacutainer®
	Insert/Cushion No.	C 15F	C 15R	No	RE 15-5/7L [#]	RE 15-5/7S [#]
	No of tubes/Insert	1	1	1	1	1
	No of tubes/rotor	32	32	32	32	32
	Ø x L (mm)	16.5 x 120	17 x 102	15.5 x 106	12.5 x 106	12.5 x 81
	Tubes supplied	No	Yes	No	No	No

(Rotor is supplied with suitable SS tubes as carriers)

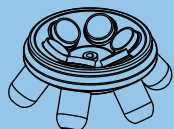
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Angle Rotor A 8-50 Max speed RPM 6000 Max RCF (g) 5050 	Image of Tube					
	Tube Capacity (ml)	50	50	15	15	10
	Type of Tube	Falcon®	Plastic	Falcon®	Plastic	Vacutainer®
	Insert/Cushion No.	C 50F	C 50R	RE 50-15F [#]	RE 50-15R [#]	RE 50-10 [#]
	No of tubes/Insert	1	1	1	1	1
	No of tubes/rotor	8	8	8	8	8
	Ø x L (mm)	29 x 116	30 x 100	16.5 x 120	17 x 102	15.5 x 106
	Tubes supplied	No	Yes	No	Yes	No

(Rotor is supplied with suitable SS tubes as carriers)

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Selection guide for rotors



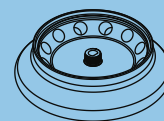
Angle Rotor A 6-100

Max speed RPM 5000
Max RCF (g) 3330

Image of Tube					
Tube Capacity (ml)	100	50	50	15	15
Type of Tube	Glass / Plastic	Falcon®	Glass / Plastic	Falcon®	Round Plastic/Glass
Insert/Cushion No.	C 100R	RE 100-50F [#]	RE 100-50R [#]	RE 100-15F [#]	RE 100-15R [#]
No of tubes/Insert	1	1	1	1	1
No of tubes/rotor	6	6	6	6	6
Ø x L (mm)	45.5 x 104	29 x 116	30 x 110/100	16.5 x 120	17 x 102/110
Tubes supplied	Yes (Plastic)	No	Yes (Plastic)	No	Yes (Plastic)

(Rotor is supplied with suitable SS tubes as carriers)

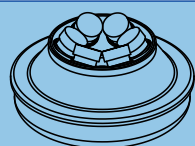
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Angle Rotor A 12-5

Max speed RPM 15000
Max RCF (g) 21400

Image of Tube	
Tube Capacity (ml)	5
Type of Tube	Micro
Insert/Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	12
Ø x L (mm)	16 x 59
Tubes supplied	No

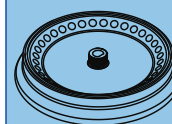


Angle Rotor A 6-50

Max speed RPM 9500
Max RCF (g) 10500

Image of Tube					
Tube Capacity (ml)	50	50	15	15	10
Type of Tube	Falcon®	Plastic	Falcon®	Plastic	Vacutainer®
Insert/Cushion No.	C 50F	C 50R	RE 50-15F [#]	RE 50-15R [#]	RE 50-10 [#]
No of tubes/Insert	1	1	1	1	1
No of tubes/rotor	6	6	6	6	6
Ø x L (mm)	29 x 116	30 x 100	16.5 x 120	17 x 102	15.5 x 106
Tubes supplied	No	Yes	No	Yes	No

[#] Available on request

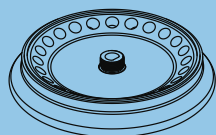


Angle Rotor A 36-05

Max speed RPM 15000
Max RCF (g) 21200

Image of Tube		
Tube Capacity (ml)	0.5	0.2
Type of Tube	Micro	Micro
Insert/Cushion No.	No	RE 05-02
No of tubes/Insert	1	1
No of tubes/rotor	36	36
Ø x L (mm)	7.5 x 31	6 x 22
Tubes supplied	No	No

(Rotor supplied with all suitable inserts)

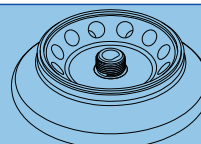


Angle Rotor A 24-2

Max speed RPM 15000
Max RCF (g) 21000

Image of Tube			
Tube Capacity (ml)	2	0.5	0.2
Type of Tube	Micro	Micro	Micro
Insert/Cushion No.	No	RE 2-05	RE 2-02
No of tubes/Insert	1	1	1
No of tubes/rotor	24	24	24
Ø x L (mm)	11 x 41	7.5 x 31	6 x 22
Tubes supplied	No	No	No

(Rotor supplied with all suitable inserts)



Angle Rotor A 12-2

Max speed RPM 16000
Max RCF (g) 18400

Image of Tube			
Tube Capacity (ml)	2	0.5	0.2
Type of Tube	Micro	Micro	Micro
Insert/Cushion No.	No	RE 2-05	RE 2-02
No of tubes/Insert	1	1	1
No of tubes/rotor	12	12	12
Ø x L (mm)	11 x 41	7.5 x 31	6 x 22
Tubes supplied	No	No	No

(Rotor supplied with all suitable inserts)