

REMI, with over 65 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 “NEYA” Range of ventilated and Refrigerated Centrifuges.



NEYA



4 X 175 ml



16000 rpm



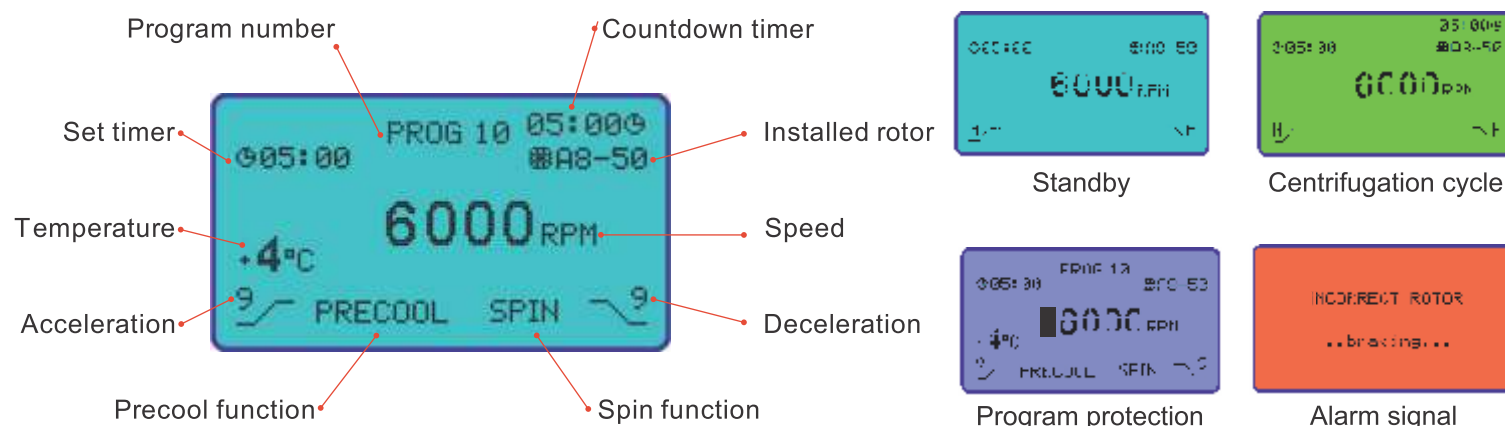
10 prog.



Refrigerated



Specifications subject to change without notice



Salient Features / Technical Data

Salient Features / Technical Data					
Model	NEYA-8	NEYA-10	NEYA-16	NEYA-10R	NEYA-16R
Maximum Capacity	4 x 175 ml (swing out) - 6 x 100 ml (fixed angle)				
Maximum Speed	4500 rpm (swing out) 6000 rpm (fixed angle)	4500 rpm (swing out) 6000 rpm (fixed angle)	4500 rpm (swing out) 16000 rpm (fixed angle)	4500 rpm (swing out) 6000 rpm (fixed angle)	4500 rpm (swing out) 16000 rpm (fixed angle)
Setting RPM	Yes				
Setting RCF	-	Yes			
Display RCF	Yes	Yes			
Timer	00:30 to 99:50 (mm:ss) and continuous mode				
Date and Time	Yes	Yes			
Acceleration Levels	L-M-H (Low - Medium - High)	0-9 (0 = min - 9 = max)			
Deceleration Levels	L-M-H (Low - Medium - High)	0-9 (0 = min - 9 = max)			
Temperature Range (Settable)	-	-	-	-10°C to +40°C	
Precool Function	-	-	-	Yes	
Display temperature	-	-	-	Yes (°Cand°F)	
Spin Function	-	Yes			
Programs	-	10 programs with protection function			
Indication of rotor	Yes				
Calibration Window on lid for speed	✓	✓	✓	✓	✓
Display	LCD	LCD	LCD	LCD	LCD
Control Communication	Digital	Digital	Digital	Digital	Digital
Self-Diagonostic of error	✓	✓	✓	✓	✓
Parameters setting switches	Feather Touch Keys & Bi-Directional encoder				
Brushless motor with frequency drive	✓	✓	✓	✓	✓
Inverter fault detection with auto shut down	✓	✓	✓	✓	✓
CFC free refrigeration system	✕	✕	✕	✓	✓
Last set parameters recall	✓	✓	✓	✓	✓
Choice of rpm / rcf setting	RPM	RPM / RCF	RPM / RCF	RPM / RCF	RPM / RCF
Automatic Rotor Identification	✓	✓	✓	✓	✓
Motor overload protection	✓	✓	✓	✓	✓
Emergency lid lock release	✓	✓	✓	✓	✓
Imbalance detection with centrifugation cut off	✓	✓	✓	✓	✓
Gas Hinge to prevent door falling	✓	✓	✓	✓	✓
Noise	≤ 55 dB				
External dimensions W x D x H / Weight	450 x 590 x 330 mm / 40 Kg			730 x 640 x 330 mm / 70 Kg	
Directive / Standard	IEC 61010-1 ; IEC 61010-2-020				
Recommended Voltage Stabilizer	-	-	-	VS-02	
Optional	Motorised Lid Lock				
Supply: 220-240 Volts 50 Hz Single Phase.					

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		Technical Data				
		NEYA 8	NEYA 10	NEYA 10R	NEYA 16	NEYA 16R
						
Max. Speed	rpm	6000	6000	6000	16000	16000
Max. RCF	g	4800	4800	4800	21200	21200
Max. Tube size	ml	175	175	175	175	175
Max. capacity		700	700	700	700	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	-	-	-10	-	-10
 S 4-175 4 x 175 ml		max 4500 rpm max 3600 g	max 4500 rpm max 3600 g	max 4500 rpm max 3600 g	max 4500 rpm max 3600 g	max 4500 rpm max 3600 g
 S 6-96 MP 6 x 96 deep wells		max 3200 rpm max 1950 g	max 3200 rpm max 1950 g	max 3200 rpm max 1950 g	max 3200 rpm max 1950 g	max 3200 rpm max 1950 g
 A 32-15N 32 x 15 ml		max 5200 rpm max 4020 g	max 5200 rpm max 4020 g	max 5200 rpm max 4020 g	max 5200 rpm max 4020 g	max 5200 rpm max 4020 g
 A 8-50 8 x 50 ml		max 6000 rpm max 4800 g	max 6000 rpm max 4800 g	max 6000 rpm max 4800 g	max 6000 rpm max 4800 g	max 6000 rpm max 4800 g
 A 30-2 30 x 2 ml		×	×	×	max 16000 rpm max 21200 g	max 16000 rpm max 21200 g
 A 36-05 36 x 0.5 ml		×	×	×	max 15000 rpm max 21000 g	max 15000 rpm max 21000 g
 A 6-100 6 x 100 ml		max 5000 rpm max 3330 g	max 5000 rpm max 3330 g	max 5000 rpm max 3330 g	max 5000 rpm max 3330 g	max 5000 rpm max 3330 g
 A 6-50 6 x 50 ml		×	×	×	max 9500 rpm max 10050 g	max 9500 rpm max 10050 g
 PCR 4-8 4 strip of 8 PCR		×	×	×	max 15000 rpm max 21000 g	max 15000 rpm max 21000 g
 A 12-5 12 x 5 ml		×	×	×	max 15000 rpm max 20880 g	max 15000 rpm max 20880 g
 A 12-2 12 x 2 ml		×	×	×	max 16000 rpm max 16140 g	max 16000 rpm max 16140 g
 HE 24-75 Ø1 x 75 mm		×	×	×	max 12000 rpm max 15300 g 24 capillars	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

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Nomenclature method of Rotors & Accessories

Alphabets in beginning	Number in middle	Alphabets at end
A = Fixed angle rotor	1st numerical = Quantity per insert	F = Conical 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		

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, Conical)
I 1-50 R	(Insert, 1 tube of 50ml capacity round bottom)
C 15F	(Cushion for 15ml Conical)
RE 15-5/7	(Reducer from 15ml to 5/7 ml tube)

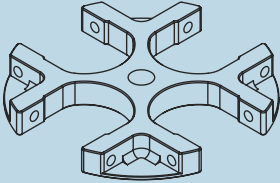
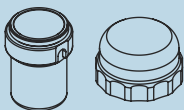
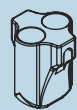
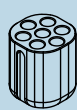
 Swing Out Rotor S 4-175 Max. Speed (RPM) 4500 Max. RCF (g) 3600	Metal Buckets suitable for Swing Out Rotor S 4-175 (Set of 4 buckets)					
	B 175 (with Bio safety Lid L 175)	B 2-50 F B 2-50 R	B 7-15 F B 7-15 R	B 12-10	B 14-5/7	B 16-5/7
						

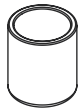
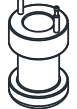
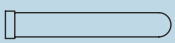
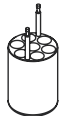
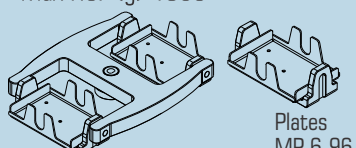
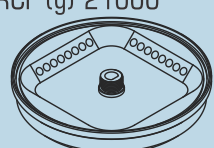
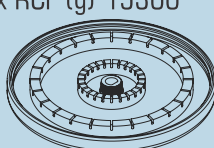
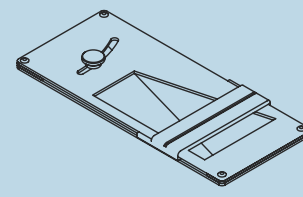
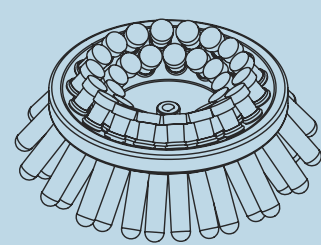
Image of Tube						
Tube Capacity (ml)	175	100	50		15	
Ø x L (mm)	57 x 99	45 x 104	29 x 116		30 x 110	
Max. Cap dia (mm)	59.5		34.5		22.5	
Type of Tube	Plastic	Glass / Plastic*	Conical		Glass / Plastic*	
No of tubes/Insert	1	1	1	2	1	2
No of tubes/rotor	4	4	4	8	4	8
Bucket Cat No.	B 175	B 175	B 175	B 2-50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

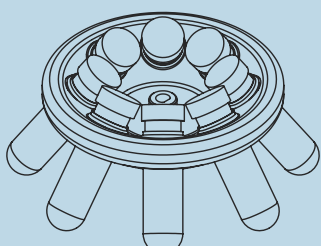
Image of Tube				
Tube Capacity (ml)	10	5/7	5/7	2
Ø x L (mm)	15.5 x 106	12.5 x 106	12.5 x 81	11 x 41
Max. Cap dia (mm)	17	16	16	
Type of Tube	Blood Collection Tube		Blood Collection Tube (Long)	
No of tubes/Insert	7	12	7	14
No of tubes/rotor	28	48	28	56
Bucket Cat No.	B 175	B 12-10	B 175	B 14-5/7
Insert or Cushion 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

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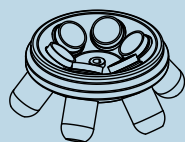
Swing Out Rotor S 6-96 MP Max speed RPM 3200 Max RCF (g) 1950  Plates MP 6-96		PCR Rotor PCR 4-8 Max speed RPM 15000 Max RCF (g) 21000 		Angle Rotor HE 24-75 Max speed RPM 12000 Max RCF (g) 15300 		Reading Device RD 24-75 	
Image of Tube		Image of Tube		Image of Tube		W x D x H	127 x 84 x 18
Tube Capacity (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) 4020 	Image of Tube				
	Tube Capacity (ml)	15	15	10	5/7
	Type of Tube	Conical	Plastic	Blood Collection Tube	Blood Collection Tube (Long)
	Insert or Cushion No.	C 15F	C 15R Included	No	RE 15-5/7
	No of tubes/Insert	1	1	-	1
	No of tubes/rotor	32	32	32	32
	Ø x L (mm)	16.5 x 120	17 x 102	15.5 x 106	12.5 x 106
	Tubes supplied	No	Yes	No	No

(Rotor is supplied with suitable SS tubes)

Angle Rotor A 8-50 Max speed RPM 6000 Max RCF (g) 4800 	Image of Tube					
	Tube Capacity (ml)	50	50	15	15	10
	Type of Tube	Conical	Plastic	Conical	Plastic	Blood Collection Tube
	Insert or Cushion No.	C 50F	C 50R Included	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)

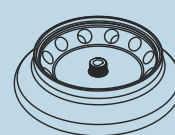


Angle Rotor A 6-100

Max speed RPM 5000
Max RCF (g) 3330

Image of Tube					
Tube Capacity (ml)	100	50	50	15	15
Type of Tube	Glass / Plastic	Conical	Glass / Plastic	Conical	Round Plastic/Glass
Insert or Cushion No.	C 100R Included	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)

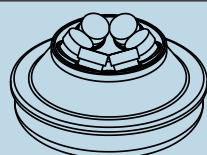
(Rotor is supplied with suitable SS tubes)



Angle Rotor A 12-5

Max speed RPM 15000
Max RCF (g) 20880

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

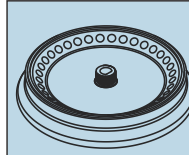


Angle Rotor A 6-50

Max speed RPM 9500
Max RCF (g) 10050

Image of Tube					
Tube Capacity (ml)	50	50	15	15	10
Type of Tube	Conical	Plastic	Conical	Plastic	Blood Collection Tube
Insert or Cushion No.	C 50F	C 50R Included	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

(Rotor is supplied with suitable SS tubes)

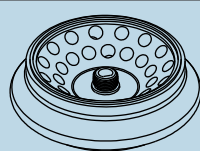


Angle Rotor A 36-05

Max speed RPM 15000
Max RCF (g) 21000

Image of Tube		
Tube Capacity (ml)	0.5	0.2
Type of Tube	Micro	Micro
Insert or Cushion No.	No	RE 05-02
No of tubes/Insert	-	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)

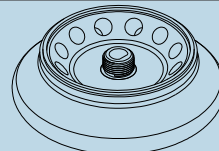


Angle Rotor A 30-2

Max speed RPM 16000
Max RCF (g) 21200

Image of Tube			
Tube Capacity (ml)	2	0.5	0.2
Type of Tube	Micro	Micro	Micro
Insert or Cushion No.	No	RE 2-05	RE 2-02
No of tubes/Insert	-	1	1
No of tubes/rotor	30	30	30
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) 16140

Image of Tube			
Tube Capacity (ml)	2	0.5	0.2
Type of Tube	Micro	Micro	Micro
Insert or Cushion No.	No	RE 2-05	RE 2-02
No of tubes/Insert	-	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)