



NEYA 12 / NEYA 12R

Truly Versatile Centrifuge



4 X 175 ml



16000 rpm



10 prog.



Refrigerated



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)

S 30-5 Specially Designed Hybrid Rotor (Long & Short Blood Tubes -30 x 5/7ml)



**Specialized Rotor
for Diagnostic labs**

**2 ml to 175ml Adaptors
Varied Applications**



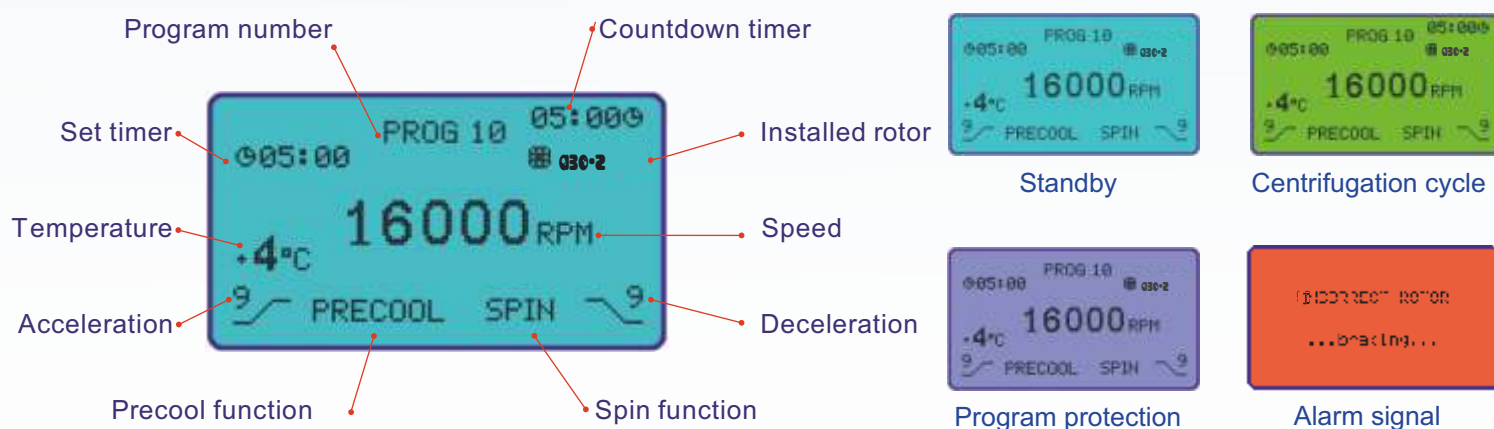


NEYA 12 / NEYA 12R

Truly Versatile Centrifuge

REMI Neya 12 & Neya 12R with European design is a perfect combination of performance & characteristics.

REMI Neya 12 & Neya 12R (Refrigerated) centrifuge 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

- 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



Technical Specifications		
Features	NEYA-12	NEYA-12R (Refrigerated)
Maximum capacity	4 x 175 ml (swing out) - 6 x 100 ml (fixed angle)	
Maximum speed	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	
Calibration window on lid for speed	✓	✓
Display	LCD	LCD
Control Communication	Digital	Digital
Self-Diagnostic 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	x	✓
Last set parameters recall	✓	✓
Choice of RPM / RCF setting	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	≤ 55 dB
External dimensions WxDxH / 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

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

Nomenclature method of Rotors & accessories

Alphabets in beginning	Numbers 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		

Examples Description	
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)



Options to be selected from following Rotors

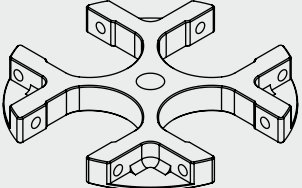
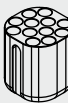
 <p>Swing Out Rotor S 4-175 Max. Speed (RPM) 4500 Max. RCF (g) 3600</p>	Metal Buckets suitable for Swing Out Rotor S 4-175 (Set of 4 buckets)					
	B 175 (with Bio safety Lid L 175)	B 2-50 F B 2-50 R	B 7-15 F B 7-15 R	B 12-10	B 14-5/7	B 16-5/7
	 					

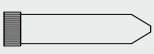
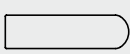
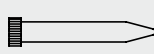
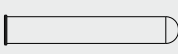
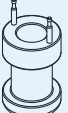
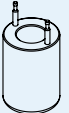
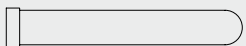
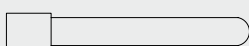
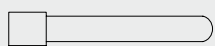
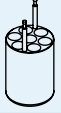
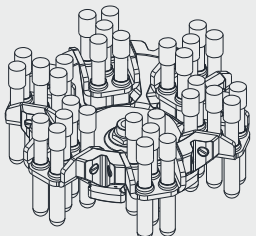
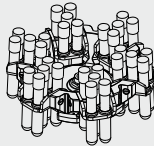
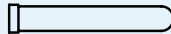
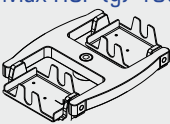
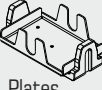
Image of Tube						
Tube Capacity (ml)	175	100	50		15	
Ø x L (mm)	57 x 99	45 x 104	29 x 116		30 x 110	
Max. Cap dia (mm)	59.5		34.5		22.5	
Type of Tube	Plastic	Glass / Plastic*	Conical		Glass / Plastic*	
No of tubes/insert	1	1	1	2	1	2
No of tubes/rotor	4	4	4	8	4	8
Bucket Cat No.	B 175	B 175	B 175	B 2-50 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

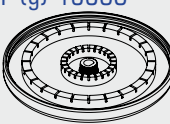


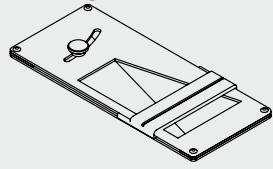
Swing Out Rotor S 30-5 Max speed RPM 4400 Max RCF (g) 3200 	Image of Tube		
	Tube Capacity (ml)	5/7	5/7
	Type of Tube	Blood Collection Tube (Long)	Blood Collection Tube (Short)
	Insert or Cushion No.	Included	Included
	No of tubes/Insert	1	1
	No of tubes/rotor	30	30
	Ø x L (mm)	12.5 x 106	12.5 x 81
	Tubes supplied	No	No

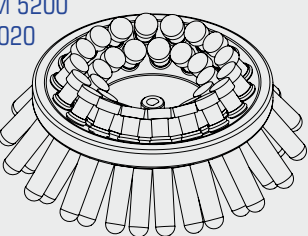
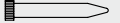
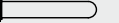
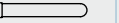
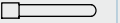
 Swing Out Rotor S 30-10 Max. Speed RPM 4400 Max RCF (g) 3200	
Image of Tube	
Tube Capacity (ml)	10
Type of Tube	Blood Collection Tube
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	30
Ø x L (mm)	15.5 x 106
Tubes supplied	No

Swing Out Rotor S 6-96 MP Max speed RPM 3200 Max RCF (g) 1950  	
Image of Tube	
Tube Capacity (ml)	6 x 96 wells
Type of Tube	Micro
No of tubes/rotor	6
W x D x L (mm)	127 x 84 x 18
Tubes supplied	No

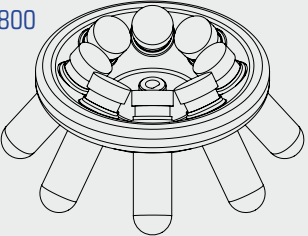
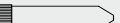
PCR Rotor PCR 4-8 Max speed RPM 15000 Max RCF (g) 21000 	
Image of Tube	
Tube Capacity (ml)	4 strips of 8 PCR
Type of Tube	PCR
No of tubes/rotor	4
Ø x L (mm)	6 x 78
Tubes supplied	No

Angle Rotor HE 24-75 Max speed RPM 12000 Max RCF (g) 15300 	
Image of Tube	
Tube Capacity (ml)	-
Type of Tube	Capillary
No of tubes/rotor	24
Ø x L (mm)	1 x 75
Tubes supplied	Yes

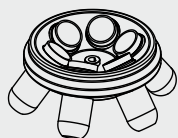
Reading Device RD 24-75 	
WxDxH	127x84x18

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
	Type of Tube	Conical	Plastic	Blood Collection Tube	Blood Collection Tube (Long)	Blood Collection Tube (Short)
	Insert or Cushion No.	C 15F	C 15R Included	No	RE 15-5/7	RE 15-5/7
	No of tubes/Insert	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)

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

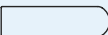
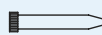
(Rotor is supplied with suitable SS tubes)



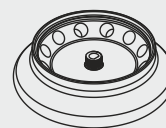
Angle Rotor A 6-100

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)

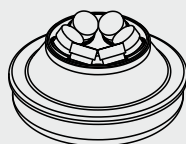


Angle Rotor A 12-5

Max speed RPM 15000

Max RCF (g) 20880

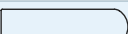
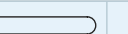
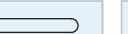
Image of Tube	
Tube Capacity (ml)	5
Type of Tube	Micro
Insert or Cushion No.	No
No of tubes/Insert	-
No of tubes/rotor	12
Ø x L (mm)	16 x 59
Tubes supplied	No



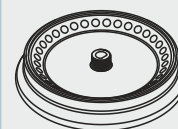
Angle Rotor A 6-50

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)



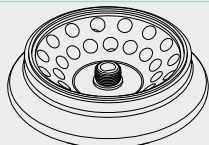
Angle Rotor A 36-05

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)



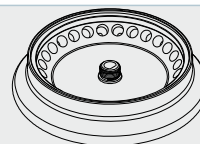
Angle Rotor A 30-2

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 28-1.5

Max speed RPM 16000

Max RCF (g) 25900

Image of Tube			
Tube Capacity (ml)	1.5	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	28	28	28
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)

