

Overview

Iso-Fuge 32/16R is a High Speed Refrigerated Centrifuge with various availability of rotors. Speed, time and temperatures can easily be set and displayed. Brushless maintenance free motor provides zero carbon deposit. Suitable for variety of application including health, Medical, Educational...Etc. with the help of wide range of rotor accessories.



Features

- Automatic rotor detection, check the presence of accessories and detect the compatibility of maximum speed
- Short Spin function and precool
- Temperature range from -10°C to +40°C
- Imbalance detection system with automatic functioning stop to avoid accidents
- Automatic Lid locking system and Safety opening of the lid in case of power failure
- 10 storable programs with protection function
- Digital adjustment of acceleration and deceleration levels
- Safety speed limiter function
- Maximum speed range up to 16000 RPM



Specifications

Maximum RPM / RCF	16000 Rpm*
Maximum Capacity	4 x 175 ml (swing out) - 6 x 100 ml (fixed angle)
Temperature range	-10°C to +40°C
Timer Setting	00:30 to 99:50 (MM:SS) and continuous mode
Display	Digital display
Noise Level	< 55 dB
Motor Type	Brushless motor
Dimensions (WxDxH) in mm	730 x 640 x 330 mm

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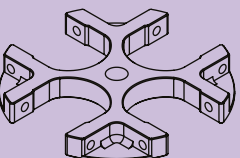
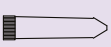
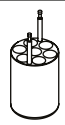
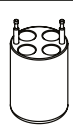
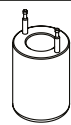
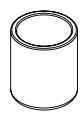
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BH21 7DG | England

E-mail: info@QLSystems.co.uk

Website: www.QLSystems.co.uk

Swing Out Rotor Selection Guide

	CEN- SR-4-175 Swing Out Rotor Max Speed (RPM) 4500 Max RCF (g) 3600		Metal Buckets Suitable for Swing Out Rotor CEN- SR-4-175 (Set of 4 buckets)						
			CEN- BR-4-175		CEN- BR-12-10		CEN- BR-7-15		
									
Image of Tube									
Tube Capacity (ml)	2	5-7	10	15	15	50	100	175	
Ø x L (mm)	11 x 42	12.5 x 106	15.5 x 106	17 x 110	16.5 x 120	29 x 116	45 x 104	57 x 99	
Max. Cap diameter (mm)		16	17		22.5	34.5		59.5	
Type of Tube	Micro	Vacutainer®	Vacutainer®	Glass	Falcon®	Falcon®	Glass / Plastic*	Plastic	
No of tubes/insert	12	7	7	12	7	4	1	1	1
No of tubes/rotor	48	28	28	48	28	16	4	4	4
Bucket Cat No.	CEN- BR-4-175	CEN- BR-4-175	CEN- BR-4-175	CEN- BR-12-10	CEN- BR-7-15	CEN- BR-4-175	CEN- BR-4-175	CEN- BR-4-175	CEN- BR-4-175
Insert Cat No.	CEN- ISR-12-2	CEN- ISR-7-5/7	CEN- ISR-7-10	Nil	Nil	CEN- ISR-4-15F	CEN- ISR-1-50F	CEN- ISR-1-100	Nil
Image of Insert (Set of 4, supplied with suitable bottom cushions)									
Tubes supplied	Yes	No	No	No	Yes	No	No	No	Yes

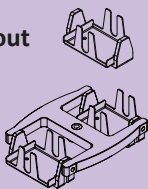
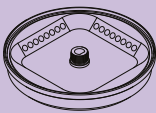
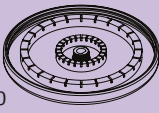
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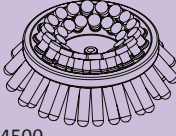
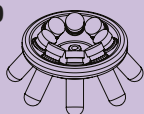
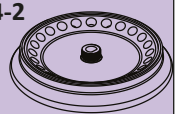
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BH21 7DG | England

E-mail: info@QLSystems.co.ukWebsite: www.QLSystems.co.uk

Rotor & Inserts Selection Guide

CEN- SR-2-6x96MP Micro Plate Swing out Rotor  Max Speed (RPM) 3200 Max RCF (g) 1950		CEN-AR-4-8PCR Angle rotor for PCR Strip Tubes  Max speed 15000 RPM Max RCF (g) 21000		CEN-AR-24-75HE Hematocrit Rotor  Max Speed (RPM) 12000 Max RCF (g) 15300		CEN-RD-24-75HE Reading Device  W x D x H: 127 x 84 x 18
Image of Tube		Image of Tube		Image of Tube		
Tube Capacity (ml)	6 x 96 wells	Tube Capacity (ml)	4 Strips of 8	Tube Capacity (ml)		
Type of Tube	Micro	Type of Tube	PCR	Type of Tube	Capillary	
No of tubes/rotors	6	No of tubes/rotors	4	No of tubes/rotors	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	

CEN-AR-32-15 Angle Rotor  Max Speed (RPM) 4500 Max RCF (g) 3280					CEN-AR-8-50 Angle Rotor  Max Speed (RPM) 6000 Max RCF (g) 4800	CEN-AR-24-2 Angle Rotor  Max Speed (RPM) 15000 Max RCF (g) 21000
Image of Tube						
Tube Capacity (ml)	15	15	10	5/7	50	2
Type of Tube	Plastic	Falcon	Vacutainer®	Vacutainer®	Plastic	Micro
Insert Cat No.	Nil	CEN-IAR-32-15F	Nil	CEN-IAR-32-5/7F	Nil	Nil
ø x L (mm)	17 x 102	16.5 x 120	15.5 x 106	12.5 x 106	30 x 100	11x41
Tubes supplied	Yes	No	No	No	Yes	No
Rotor is supplied with suitable SS tubes as carriers						Rotor supplied with all suitable inserts

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Ordering Information

CEN-16000/R	Iso-Fuge 32/16R High Speed Refrigerated Centrifuge
CEN- SR-4-175	Swing out rotor with Max capacity 175ml
CEN- BR-4-175	Set of 4 metal buckets with Bio-safety Cap (C175) for 175ml plastic bottle, suitable for CEN- SR-4-175
CEN- BR-12-10	Set of 4 metal buckets for 10ml Vacutainer Tubes, suitable for CEN- SR-4-175
CEN- BR-7-15	Set of 4 metal buckets for 15ml round bottom Glass Tubes, suitable for CEN- SR-4-175
CEN- ISR-12-2	Set of 4 Inserts for 2ml Micro tubes (supplied with tubes) suitable for metal bucket CEN- BR-4-175
CEN- ISR-7-5/7	Set of 4 Inserts for 5/7ml Vacutainer tubes suitable for metal bucket CEN- BR-4-175
CEN- ISR-7-10	Set of 4 Inserts for 10ml Vacutainer tubes suitable for metal bucket CEN- BR-4-175
CEN- ISR-4-15F	Set of 4 Inserts for 15ml Falcon tubes suitable for metal bucket CEN- BR-4-175
CEN- ISR-1-50F	Set of 4 Inserts for 50ml Falcon tubes suitable for metal bucket CEN- BR-4-175
CEN- ISR-1-100	Set of 4 Inserts for 100ml Round bottom Plastic tubes suitable for metal bucket CEN- BR-4-175
CEN- SR-2-6x96MP	Micro Plate Swing out Rotor with 2 Place for 6x 96 well micro plates
CEN-AR-24-2	24 x 2ml Angle Rotor for 2ml Micro Tubes with Reducers CEN-RE 2-05 (for 0.5ml) & CEN-RE 2-02 (for 0.2ml)
CEN-AR-32-15	32 x 15ml Angle Rotor for Round bottom Plastic tubes. Supplied with tubes
CEN-AR-8-50	8 x 50ml Angle Rotor for Round bottom Plastic tubes, Supplied with tubes
CEN-AR-4-8PCR	Angle rotor suitable for PCR Strip Tubes - capacity 4 strips of 8 x 0.2 ml
CEN-AR-24-75HE	Hematocrit Rotor for 24 Capillaries 75mm X 1mm
CEN-RD-24-75HE	Reading Device for CEN-AR-24-75HE
CEN- IAR-32-15F	Set of 32 inserts for 15ml Falcon Tubes, Suitable for CEN-AR-32-15
CEN- IAR-32-5/7F	Set of 32 inserts for 5/7ml Vacutainer Tubes, Suitable for CEN-AR-32-15

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