

# SCANSPEED

Centrifuges - From Simple Separation to Sequencing



SCANSPEED

**1236R**  
1248 // 1248R  
1580 // 1580R

**MULTI PURPOSE**  
High Speed Centrifuge with  
or without cooling

## LOW NOISE LEVEL

54dBa with airflow damping and elimination of heat transfer to samples

## HIGH G-FORCE

High g-force 25,910 x g for fast centrifugation and efficient separation

## LARGE CAPACITY

Swing out rotor takes up to 80 x 15mL tubes, 4 x 750mL tubes or 16 x Microplates

## FAST HIGH COOLING CAPACITY

Lowest temperature -20°C and cooling down to +4°C in 5 minutes for extended life and faster, safe operation of bio-samples

# CHOICE OF CENTRIFUGE

The ScanSpeed range of centrifuges fulfils all the requirements of small to large total volumes; small or large individual sample capacity, with all models exhibiting low operational noise levels and if required, fast cooling performance, down to 4°C on refrigerated models.



## SCANSPEED 1236R

ScanSpeed 1236R is a floor standing refrigerated centrifuge, offering a small "footprint", thereby saving valuable bench space. Fitted with lockable castors for easy manoeuvrability and positioning.



<b>MAX CAPACITY FIXED ANGLE ROTOR</b>	6x85 mL	<b>TIME CONTROL</b>	Pulse, timed < 10 hr or Continuous
<b>MAX CAPACITY SWING OUT ROTOR</b>	4x250 mL/ 250 mL Conical	<b>RPM/RCF CONVERSION</b>	Yes
<b>MAX. RPM/RCF FIXED ANGLE ROTOR</b>	12.000/16.582	<b>NOISE LEVEL (DEPEND ON ROTOR)</b>	54
<b>MAX. RPM/RCF SWING OUT ROTOR</b>	5.000/5.394	<b>ACCELERATION RAMP</b>	5 Steps
<b>TEMP. RANGE</b>	-20°C ~ 40°C	<b>DECELERATION RAMP</b>	6 Steps
<b>FAST COOL BUTTON</b>	Yes	<b>PROGRAM MEMORY</b>	100

<b>ROTOR IDENTIFICATION</b>	Automatic	<b>POWER REQUIREMENT</b>	2,5 Kva
<b>IMBALANCE CUTOUT</b>	Yes	<b>DIMENSION (WxDxH)</b>	473x600x840
<b>DISPLAY</b>	Blue LCD	<b>WEIGHT WITHOUT ROTOR</b>	110Kg
<b>SAFETY LID LOCK</b>	Yes	<b>CE MARK</b>	Yes
<b>LID DROP PROTECTION</b>	Yes	<b>CAT NO.</b>	7.638.515.801/ 7.638.515.301
<b>POWER SUPPLY</b>	230V/50~60 Hz 110V Optional		

## SCANSPEED 1248

ScanSpeed 1248 is a compact table-top, non-refrigerated high speed centrifuge giving a maximum of 15,520 x g, taking a maximum of 48 x 15mL tubes or 4 x 250mL tubes.



<b>MAX CAPACITY FIXED ANGLE ROTOR</b>	6x85 mL	<b>TIME CONTROL</b>	Pulse, timed < 100 min or Continuous
<b>MAX CAPACITY SWING OUT ROTOR</b>	4x250 mL/ 250 mL Conical	<b>RPM/RCF CONVERSION</b>	Yes
<b>MAX. RPM/RCF FIXED ANGLE ROTOR</b>	12.000/15.520	<b>NOISE LEVEL (DEPEND ON ROTOR)</b>	52
<b>MAX. RPM/RCF SWING OUT ROTOR</b>	5.000/5.394	<b>ACCELERATION RAMP</b>	5 Steps
<b>TEMP. RANGE</b>	-	<b>DECELERATION RAMP</b>	6 Steps
<b>FAST COOL BUTTON</b>	-	<b>PROGRAM MEMORY</b>	100

<b>ROTOR IDENTIFICATION</b>	Automatic	<b>POWER REQUIREMENT</b>	0,9 Kva
<b>IMBALANCE CUTOUT</b>	Yes	<b>DIMENSION (WxDxH)</b>	475x620x357
<b>DISPLAY</b>	Blue LCD	<b>WEIGHT WITHOUT ROTOR</b>	40Kg
<b>SAFETY LID LOCK</b>	Yes	<b>CE MARK</b>	Yes
<b>LID DROP PROTECTION</b>	Yes	<b>CAT NO.</b>	7.637.514.301/ 7.637.514.801
<b>POWER SUPPLY</b>	230V/50~60 Hz 110V Optional		

# SCANSPEED 1248R

ScanSpeed 1248R is a compact table top, refrigerated high speed centrifuge giving a maximum of 16,582 x g, taking 48 x 15mL conical tubes or 4 x 250mL tubes.



MAX CAPACITY FIXED ANGLE ROTOR	6x85 mL
MAX CAPACITY SWING OUT ROTOR	4x250 mL/ 250 mL Conical
MAX. RPM/RCF FIXED ANGLE ROTOR	12.000/16.582
MAX. RPM/RCF SWING OUT ROTOR	5.000/5.394
TEMP. RANGE	-20°C ~ 40°C
FAST COOL BUTTON	Yes

TIME CONTROL	Pulse, timed < 10 hr or Continuous
RPM/RCF CONVERSION	Yes
NOISE LEVEL (DEPEND ON ROTOR)	54
ACCELERATION RAMP	5 Steps
DECELERATION RAMP	6 Steps
PROGRAM MEMORY	100

ROTOR IDENTIFICATION	Automatic
IMBALANCE CUTOUT	Yes
DISPLAY	Blue LCD
SAFETY LID LOCK	Yes
LID DROP PROTECTION	Yes
POWER SUPPLY	230V/50~60 Hz 110V Optional

POWER REQUIREMENT	2,5 Kva
DIMENSION (WxDxH)	655x620x357
WEIGHT WITHOUT ROTOR	78Kg
CE MARK	Yes
CAT NO.	7.638.615.802/ 7.638.615.302

# SCANSPEED 1580

ScanSpeed 1580 is a compact table-top, non-refrigerated, high volume, high speed centrifuge giving a maximum of 21,206 x g, with a capacity of 80 x 15mL conical tubes or 4 x 750mL containers.



MAX CAPACITY FIXED ANGLE ROTOR	6x250 mL / 6x85 mL
MAX CAPACITY SWING OUT ROTOR	4x750 mL
MAX. RPM/RCF FIXED ANGLE ROTOR	15.000/21.206
MAX. RPM/RCF SWING OUT ROTOR	5.000/5.394
TEMP. RANGE	-
FAST COOL BUTTON	-

TIME CONTROL	Pulse, timed < 100 min or Continuous
RPM/RCF CONVERSION	Yes
NOISE LEVEL (DEPEND ON ROTOR)	52
ACCELERATION RAMP	5 Steps
DECELERATION RAMP	6 Steps
PROGRAM MEMORY	100

ROTOR IDENTIFICATION	Automatic
IMBALANCE CUTOUT	Yes
DISPLAY	Blue LCD
SAFETY LID LOCK	Yes
LID DROP PROTECTION	Yes
POWER SUPPLY	230V/50~60 Hz 110V Optional

POWER REQUIREMENT	1,5Kva
DIMENSION (WxDxH)	540x650x390
WEIGHT WITHOUT ROTOR	57 Kg
CE MARK	Yes
CAT NO.	7.648.519.201/ 7.648.519.801

# SCANSPEED 1580R

ScanSpeed 1580R is a compact table-top, refrigerated high speed and high volume centrifuge, giving a maximum of 25,910 x g, with a capacity of 80 x 15mL conical tubes or 4 x 750mL containers.



MAX CAPACITY FIXED ANGLE ROTOR	6x250 mL / 6x85 mL
MAX CAPACITY SWING OUT ROTOR	4x750 mL
MAX. RPM/RCF FIXED ANGLE ROTOR	15.000/25.910
MAX. RPM/RCF SWING OUT ROTOR	5.000/5.394
TEMP. RANGE	-20°C ~ 40°C
FAST COOL BUTTON	Yes

TIME CONTROL	Pulse, timed < 10 hr or Continuous
RPM/RCF CONVERSION	Yes
NOISE LEVEL (DEPEND ON ROTOR)	54
ACCELERATION RAMP	5 Steps
DECELERATION RAMP	6 Steps
PROGRAM MEMORY	100

ROTOR IDENTIFICATION	Automatic
IMBALANCE CUTOUT	Yes
DISPLAY	Blue LCD
SAFETY LID LOCK	Yes
LID DROP PROTECTION	Yes
POWER SUPPLY	230V/50~60 Hz 110V Optional

POWER REQUIREMENT	2,5Kva
DIMENSION (WxDxH)	770x650x390
WEIGHT WITHOUT ROTOR	93Kg
CE MARK	Yes
CAT NO.	7.647.518.201/ 7.647.518.801

# THE SCANSPEED MULTIPURPOSE FAMILY OFFERS

The ideal high speed centrifuge range of high speed centrifuges for general laboratory applications, including biological sample separations of cellular materials, RNA/DNA, peptides, blood, urine, sperm etc. The Family offers complete sample flexibility and versatile usage, with low noise less than 52 dBA and with high capacity for 80 x 15mL and high g-force to 25,910 x g.

Fast cooling with the "R" models down to +4°C in 5 minutes and lowest temperature to -20°C, offering a fast start up, eliminating the requirement for pre-cooling of large sample loads, thereby extending the operational life of the centrifuge.



## CONVENIENCE EASE OF OPERATION

### CONTROLLED ACCELERATION

5 steps acceleration  
and 6 steps  
deacceleration

### TIME CONTROLS

for timed runs  
up to 10 hr.  
or continuous  
operation

### MEMORY for up to 100 programs

### INTUITIVE DISPLAY with easy to follow controls

## SAFETY & DURABILITY

### TRIPLE LAYERED

door construction (ABS/  
Steel), decreases heat and  
noise transmission and  
increases safety

### BIO-CAPS BUCKETS

aerosol tight buckets  
prevent contamination and  
ensure personal safety

### LOW BACKGROUND NOISE

Noise minimizing air-cooling  
structure drives efficient air  
flow and reduces spinning  
frictions

### AUTOCLAVABLE and corrosion resistant light weight rotors ensure the safety and long life

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# ROTORS & ACCESSORIES

A large programme of Rotors, fixed angle or swing-out with Buckets and Adaptors that takes 80 x 15mL tubes, 16 x microplates or 4 x 750mL tubes.


Select from the wide choice of rotors for your application, sample size, g-force required and configuration.




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## CHOICE OF ROTORS




 **SWING OUT**  
with buckets, with or without adaptors,  
accepts 2mL to 750mL tubes




 **BIOCAP BUCKET ROTOR**  
buckets with or without BioCaps, aerosol  
tight and autoclavable covers



 **FIXED ANGLE ROTOR**  
with or without adaptors accepts  
1.5-250mL tubes for highest g-  
force operation



 **MICROPLATE ROTOR**  
for up to 16 micro plates

# SWING ROTOR

7.680.111.050, 4 loadings, 90°



Fits with Centrifuges:

- > 1248 > 1248R
- > 1236R > 1580
- > 1580R

Tube											
TUBE CAPACITY (mL)	5	3	15	10	15 mL conical	50	50 mL conical	250	85	15	
Tube rack											
CAT.NO	7.603.111.110		7.603.111.140		7.603.111.170	7.603.111.200	7.603.111.230	7.603.111.260	7.604.111.852		
RACK CAPACITY (EA/4)	12/48		12/48		9/36	4/16	3/12	1/4	2/8		
RACK (φ x L) MM	13.5 x 80		13.5 x 58		17.5 x 90	17.5 x 90	30.2 x 90	30.5 x 90	62.5 x 90	38.5 x 90	17 x 90

RECTANGULAR BUCKET, 250 mL » GLB-r250-r250	
CAT. NO	7.603.111.120
BUCKET BORE (WxDxH) MM	86 x 70.3 x 102.5
RADIUS (MM)	175.2
MAX. RPM	4,000
MAX. RCF (G-FORCE)	3,134

MICROPLATE HOLDER » GLP-mw-r250	
CAT. NO	7.604.111.060
BUCKET BORE (WxDxH) MM	88 x 128.5 x 80
RADIUS (MM)	153
MAX. RPM	4,000
MAX. RCF (G-FORCE)	2,737

Tube		
TUBE CAPACITY (mL)	MTP	DWP
RACK CAPACITY (EA/4)	4/16	1/4

# SWING ROTOR

7.680.111.255, 4 loadings, 90°



## CONICAL BUCKET » GLB-c250-c250



CAT. NO	7.603.111.720
BUCKET BORE (Φ x H) MM	60.5 x 130
RADIUS (MM)	193
MAX. RPM	5,000
MAX. RCF (G-FORCE)	5,394
MAX. HEIGHT FOR TUBES (MM)	165

## Tube



TUBE CAPACITY (mL) 250 mL conical



Fits with  
Centrifuges:

- 1248    ➤ 1248R
- 1236R    ➤ 1580
- 1580R

# FIXED ANGLE ROTOR


7.680.111.010

24 x 1.5/2.0 mL, 45°



**i** Fits with Centrifuges:

- > 1248 > 1248R
- > 1236R > 1580
- > 1580R

Tube			
TUBE CAPACITY (mL)	1.5/2.0	0.2	0.5
Adaptor			
CAT. NO.	-	7.600.113.010	7.600.113.020
ADAPTOR (Φ x L) MM	-	6.5 x 23	8 x 31
RADIUS (MM) 24	84.3/96.4	67/79	73/86
MAX. RPM 24 (1580R)	15,000/14,000		
MAX. RCF (G-FORCE) 24 (1580R)	21,206/22,124	16,854/ 17,311	18,363/18,845
MAX. RPM 24 (1580)	15,000/12,000		
MAX. RCF (G-FORCE) 24 (1580)	21,206/15,520	16,854/12,718	18,363/13,385
MAX. RPM 24 (1236R/1248R/1248)	12,000		
MAX. RCF (G-FORCE) 24 (1236R/1248R/1248)	13,572/15,520	10,786/12,718	11,752/13,845
HOLE DIAMETER FOR TUBES (MM)	111		
MAX. HEIGHT FOR TUBES (MM)	56		

# FIXED ANGLE ROTOR

7.680.111.500

30 x 1.5/2.0 mL, 45°



**i** Fits with Centrifuges:

- > 1248 > 1248R
- > 1236R > 1580
- > 1580R

Tube			
TUBE CAPACITY (mL)	1.5/2.0	0.2	0.5
Adaptor			
CAT. NO.	-	7.600.113.010	7.600.113.020
ADAPTOR (Φ x L) MM	-	6.5 x 23	8 x 31
RADIUS (MM) 30	84.3/96.4	67/79	73/86
MAX. RPM 30 (1580R)	15,000/14,000		
MAX. RCF (G-FORCE) 30 (1580R)	21,206/22,124	16,854/17,311	18,363/18,845
MAX. RPM 30 (1580)	15,000/12,000		
MAX. RCF (G-FORCE) 30 (1580)	21,206/15,520	16,854/12,718	18,363/13,385
MAX. RPM 30 (1236R/1248R/1248)	12,000		
MAX. RCF (G-FORCE) 30 (1236R/1248R/1248)	13,572/15,520	10,786/12,718	11,752/13,845
HOLE DIAMETER FOR TUBES (MM)	111		
MAX. HEIGHT FOR TUBES (MM)	56		



# FIXED ANGLE ROTOR

7.680.111.550

6 x 85 mL, 34°



Fits with Centrifuges:

- 1248    ➤ 1248R
- 1236R   ➤ 1580
- 1580R

Tube						
TUBE CAPACITY (mL)	15	10	15 mL conical	50	50 mL conical	85
Adaptor						
CAT.NO	7.604.113.010		7.604.113.020	7.604.113.030	7.604.113.040	-
ADAPTOR (Φ x L) MM	17 x 94		17 x 100	29 x 95	29.5 x 98	-
RADIUS (MM)	103	102	101	104	102	110
MAX. RPM (1580R)	12,000					
MAX. RPF (G-FORCE) (1580R)	16,582	16,421	16,260	16,743	16,421	17,709
MAX. RPM (1580/1248/1248R/1236R)	10,000					
MAX. RPF (G-FORCE) (1580/1248/1248R/1236R)	11,515	11,404	11,292	11,627	11,404	12,298
HOLE DIAMETER FOR TUBES (MM)	38.5					
MAX. HEIGHT FOR TUBES (MM)	125					

# ANGLE ROTOR

7.680.111.090

24 x 15 mL, 45°



Tube						
TUBE CAPACITY (mL)	15	3	4	5	10	15 mL Conical
Adaptor						
CAT.NO	-	7.601.113.030	7.601.113.035	7.601.113.040	-	-
ADAPTOR (Φ x L) MM	-	13 x 63	13 x 65	13 x 85	-	-
RADIUS (MM)	175.5	155.2	158.2	167.2	174.5	171.5
MAX. RPM	4,000					
MAX. RCF (G-FORCE)	3,134	2,776	2,830	2,990	3,121	3,068
HOLE DIAMETER FOR TUBES (MM)	18					
MAX. HEIGHT FOR TUBES (MM)	135					125

### STEEL SLEEVES » GLB-15-FA



CAT.NO	7.601.111.040
SLEEVE BORE (Φ x H) MM	18 x 97.5 (15 mL conical)
RADIUS (MM)	175.2
MAX. RPM	4,000
MAX. RCF (G-FORCE)	3,134



Fits with Centrifuges:

- 1248    ➤ 1248R
- 1236R   ➤ 1580
- 1580R

# SWING OUT ROTOR

7.680.111.600, 6 loadings, 90°



Fits with Centrifuges:

- 1248    ➤ 1248R
- 1236R    ➤ 1580
- 1580R

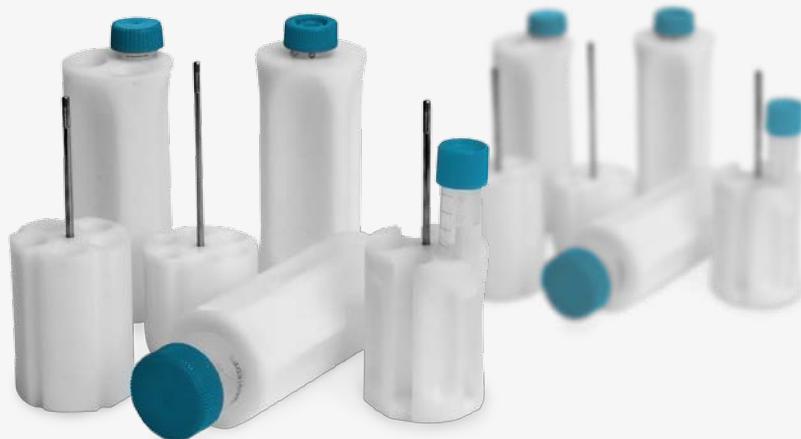
**BUCKETS, 100 ML**  
» GLB-b100-100



Rotor including 6 buckets for 100mL tubes and aerosol tide biocap

<b>BUCKET BORE (Φ x H) MM</b>	47 x 99
<b>RADIUS (MM)</b>	173.6
<b>MAX. RPM</b>	4,000
<b>MAX. RCF (G-FORCE)</b>	3,105
<b>MAX. HEIGHT FOR TUBES</b>	117w. cap/130 w.o. cap

Tube										
<b>TUBE CAPACITY (mL)</b>	1.5~2.0 mL x 6	2.6~7 mL x 5	4~10 mL x 5	9~15 mL x 3	C15 mL x 3	C15 mL	50 mL	C50 mL	85 mL	100 mL
Adaptor										
<b>CAT.NO</b>	7.601.400.010	7.601.400.020	7.601.400.030	7.601.400.040	7.601.400.050	7.601.400.060	7.601.400.070	7.601.400.080	7.601.400.090	7.601.400.100
<b>HOLE DIMENSION (Φ x L) MM</b>	11 x 39	13.5 x 60	16 x 60	17.5 x 105	17.2 x 108	17.2 x 108	29.5 x 108	30 x 102	38 x 106.4	44 x 106.4





## MULTI-PURPOSE CENTRIFUGES

.....  
THAT PROVIDE THE WIDEST  
RANGE OF OPERATING SPEEDS,  
TUBE CAPACITIES AND APPLICATIONS,  
.....

*together with the lowest  
noise levels and the fastest  
cooling of the samples.*

# SWING ROTOR

7.680111.010, 4 loadings, 90°



Fits with  
Centrifuges:

➤ 1580 ➤ 1580R

## RECTANGULAR BUCKET, 750 ML » GLB-r750-r750



CAT. NO	7.604.111.030
BUCKET BORE (WxDxH) MM	99 x 99 x 98
RADIUS (MM)	200
MAX. RPM	3,600
MAX. RCF (G-FORCE)	2,898
MAX. HEIGHT FOR TUBES	135

Tube									
TUBE CAPACITY (mL)	5	3	15	10	15 mL conical	50	50 mL conical	250	
Tube rack									
CAT.NO	7.604.111.400		7.604.111.430		7.604.111.460		7.604.111.490		7.604.111.520
RACK CAPACITY (EA/4)	30/120		20/80		16/64		8/32		5/20
RACK (Φ x L) MM	13 x 85	13 x 56.5	17.2 x 85		17.5 x 85		29.5 x 85		62.5 x 87

## MICROPLATE HOLDER » GLB-500-r750



CAT. NO	7.604.111.560
BUCKET BORE (WxDxH) MM	88 x 128.5 x 80
RADIUS (MM)	171.5
MAX. RPM	3,600
MAX. RCF (G-FORCE)	2,485

Tube		
TUBE CAPACITY (mL)	MTP	DWP
RACK CAPACITY (EA/4)	4/16	1/4

## ROUND BUCKET 500 mL



CAT. NO	7.604.111.560
BUCKET BORE (Φ x L) MM	69.2 x 135
RADIUS (MM)	218
MAX. RPM	3,600
MAX. RCF (G-FORCE)	3,159
MAX. HEIGHT FOR TUBES	165

Tube	
TUBE CAPACITY (mL)	500
RACK CAPACITY (EA/4)	1/4

# SWING ROTOR

7.680.111.750, 4 loadings, 90°



Fits with  
Centrifuges:

1580 1580R

<b>ROUND BUCKET, 750 ML</b> » GLB-750-750	
<b>ROUND BUCKET, 750 ML INCL. LID</b> » GLB-b750-750	
CAT. NO, NO LID / LID	7.604.111.850 / 7.604.111.870
BUCKET BORE (WxDxH) MM	99 x 101.5
RADIUS (MM)	205
MAX. RPM	4,000
MAX. RCF (G-FORCE)	3,667
MAX. HEIGHT FOR TUBES	w. cap 130 w.o. cap 142

Tube								
	TUBE CAPACITY (mL)	5	3	15	10	15 mL conical	50	50 mL conical
Tube Rack								
	CAT. NO	7.604.112.090	7.604.112.150	7.604.112.120	7.604.112.180	7.604.112.210	7.604.112.250	7.604.112.270
RACK CAPACITY (EA/4)	24/96	19/76	21/84	14/56	7/28	5/20	1/4	
RACK (Φ x L) MM	13 x 85	13 x 58	17 x 85	16 x 85	17 x 85	29 x 87	29 x 88	62.5 x 87

<b>MICROPLATE HOLDER</b> » GLP-mw-750	
CAT. NO	7.604.111.570
BUCKET BORE (WxDxH) MM	88 x 128.5 x 80
RADIUS (MM)	171.5
MAX. RPM	4,000
MAX. RCF (G-FORCE)	3,068

Tube		
	TUBE CAPACITY (mL)	MTP
RACK CAPACITY (EA/4)	4/16	1/4

<b>ROUND BUCKET, 500 ML</b> » GLB-500-750	
CAT. NO	7.604.111.880
BUCKET BORE (Φ x L) MM	69.2 x 135
RADIUS (MM)	218
MAX. RPM	4,000
MAX. RCF (G-FORCE)	3,900
MAX. HEIGHT FOR TUBES	165

Tube	
	TUBE CAPACITY (mL)
RACK CAPACITY (EA/4)	1/4

# FIXED ANGLE ROTOR

7.680.111.300



Tube	
TUBE CAPACITY (mL)	15
RADIUS(MM)	124
MAX. RPM	8,000
MAX. RCF (G-FORCE)	8,872

- > 24 x 15 mL
- > 30°
- > HOLE DIAMETER FOR TUBES (MM)  
17,5
- > MAX. HEIGH FOR TUBES (MM)  
113

**i** Fits with Centrifuges:

- > 1248R > 1236R
- > 1580 > 1580R

# FIXED ANGLE ROTOR

7.680.111.800



Tube		
TUBE CAPACITY (mL)	15	250
RADIUS (MM)	131,3	134
MAX. RPM	8,000	
MAX. RCF (G-FORCE)	9,395	10,160



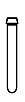
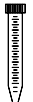
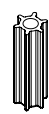
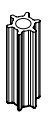
**i** Fits with Centrifuges:

- > 1580R

- > 6 x 250 mL + 6 x 15 mL
- > 25°
- > HOLE DIAMETER FOR TUBES (MM)  
15/250 : 17/62
- > MAX. HEIGH FOR TUBES (MM)  
15/250 : 115/130

# FIXED ANGLE ROTOR

7.680.111.095

Tube				
TUBE CAPACITY (mL)	50	15	10	15 mL conical
Adaptor				
CAT.NO	-	7.601.113.041	7.601.113.042	
ADAPTOR $\Phi \times L$ (MM)	-	17 x 94	17 x 105	
RADIUS (MM)	103	93.5	92.5	96
MAX. RPM (1580R)	15,000			
MAX. RCF(G-FORCE)(1580R)	25,910	23,520	23,268	24,149
MAX. RPM (1580/1248R/1236R)	12,000			
MAX. RCF(G-FORCE) (1580/1248R/1236R)	12,298	10,453	10,342	10,733



- 8 x 50 mL
- 30°
- HOLE DIAMETER FOR TUBES (MM) 29.5
- MAX. HEIGH FOR TUBES (MM) 120

**i** Fits with Centrifuges:

- 1248R
- 1236R
- 1580
- 1580R



## MULTI-PURPOSE CENTRIFUGES

THAT PROVIDE THE WIDEST RANGE OF OPERATING SPEEDS, TUBE CAPACITIES AND APPLICATIONS,

together with the lowest noise levels and the fastest cooling of the samples.

# KEY FEATURES



## THE BEST FUNCTIONAL QUALITY

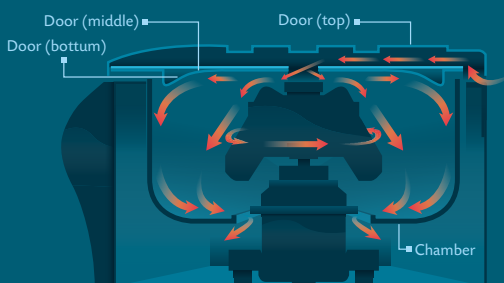
- Manufactured and tested to IEC standard
- Stable spinning operation within +/- 2% variation
- Steady and soft deceleration with dynamic brake technology
- Automatic detection and alarms for imbalance, excess speed and heating
- All models have automatic rotor identification functions
- Unique internal air flow design protects samples from heating up
- Temperature setting of refrigerated model down to -20°C
- Fast Cool function 4c in 5 minutes for fast start up and fast cool down of samples and longest life time

## CONVENIENCE OF OPERATION

- Easy to follow display and controls
- Easy recognisable, bright white lettering on the blue LED display panel
- Time control of pulse, timed, and continuous
- Automatic RPM/RCF conversion
- Programme memory that stores up to 100 discreet protocols
- Easy to check the actual rotation via viewing window on the door
- Rotors with symmetrical numbering

## SAFETY & ROBUSTNESS

- Triple layered door structure decreases noise and heat and improves safety; The top layer is made of ABS and the middle is of strong steel.
- The safety door-lock system, which keeps the door closed for spinning, is assured by the repeated destruction test
- Every centrifuge has unique door-drop protection scheme to keep operators and samples safe
- The automatic door-open function maintains the safety level of the opening to protect the operator and samples
- Emergency door lock release enables opening in case of power failure or sudden stoppages
- High capacity, strong compressor make enables fast cooling of chamber and samples
- The compressor-off function during door-open minimizes frost and rust
- Autoclavable and corrosion resistant light weight rotors protect samples, operators, and lab environments from contamination and ensures easy operation
- High quality cabinets with scratch resistant, powder coated finish
- In Vitro Diagnostic - 98/79 CE
- Less than +/- 2% variation in speed allows accurate control of rotation
- Steady and soft deceleration with dynamic brake technology
- Unique internal air flow design protects samples from heating up



## LOW BACKGROUND NOISE

Noise minimizing air-cooling structure

The unique patented internal design drives efficient air flow inside the instrument and reduces spinning frictions so that motor temperature and noise within the centrifuge are minimized.



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