

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.



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

ROTOR IDENTIFICATION	Automatic	POWER REQUIREMENT	2,5 Kva
IMBALANCE CUTOUT	Yes	DIMENSION (WxDxH)	473x600x840
DISPLAY	Blue LCD	WEIGHT WITHOUT ROTOR	110Kg
SAFETY LID LOCK	Yes	CE MARK	Yes
LID DROP PROTECTION	Yes	CAT NO.	7.638.515.801/ 7.638.515.301
POWER SUPPLY	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.



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

ROTOR IDENTIFICATION	Automatic	POWER REQUIREMENT	0,9 Kva
IMBALANCE CUTOUT	Yes	DIMENSION (WxDxH)	475x620x357
DISPLAY	Blue LCD	WEIGHT WITHOUT ROTOR	40Kg
SAFETY LID LOCK	Yes	CE MARK	Yes
LID DROP PROTECTION	Yes	CAT NO.	7.637.514.301/ 7.637.514.801
POWER SUPPLY	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

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.




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	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

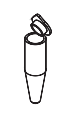
7.680.111.010

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°



i 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

i 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

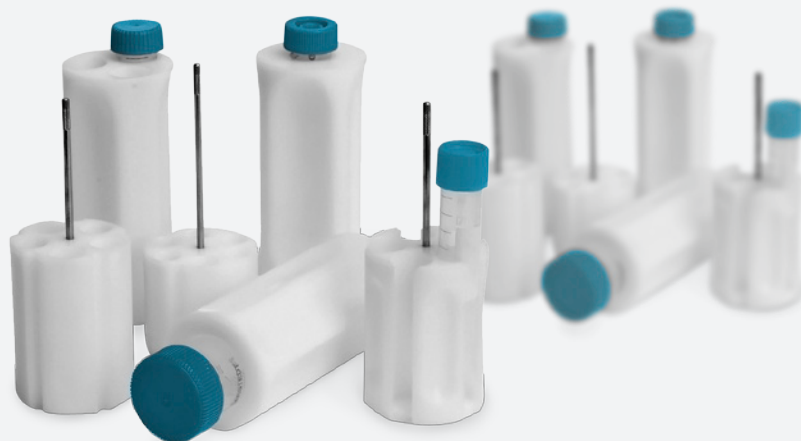
BUCKETS, 100 ML » GLB-b100-100

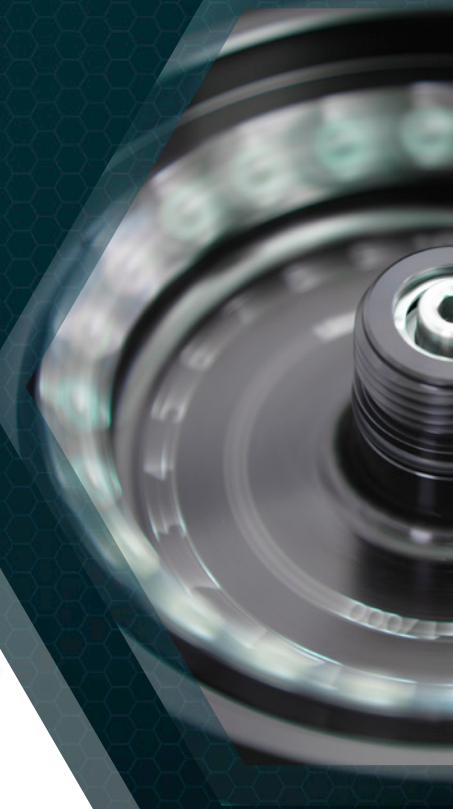
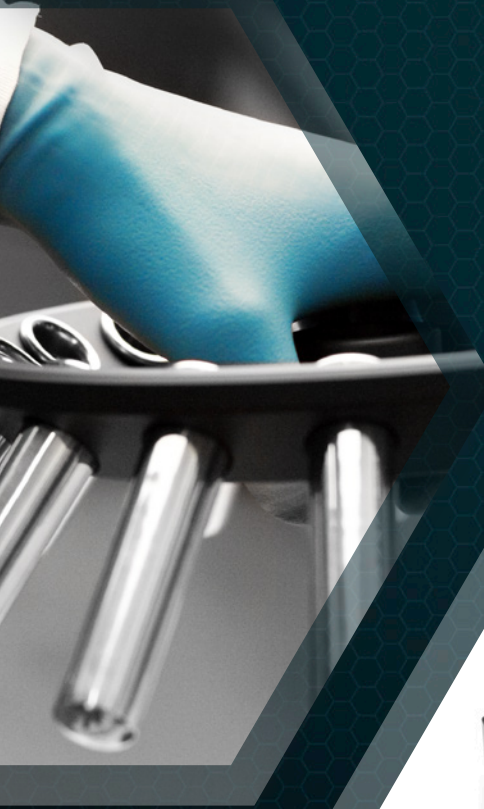


Rotor including 6 buckets for 100mL tubes and aerosol tide biocap

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

Tube										
TUBE CAPACITY (mL)	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										
CAT.NO	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
HOLE DIMENSION (Φ x L) MM	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













7.680.111.650, 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	
RACK CAPACITY (EA/4)	30/120		20/80		16/64		8/32	
RACK (Φ x L) MM	13 x 85	13 x 56.5	17.2 x 85		17.5 x 85		29.5 x 85	
							7.604.111.520	
							7.604.111.550	
							1/4	
							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	7.604.111.880
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

ROUND BUCKET, 750 ML
» GLB-750-750

ROUND BUCKET, 750 ML INCL. LID
» 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

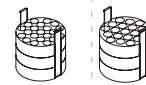
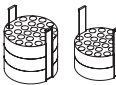
15 mL conical

50

50 mL conical

250

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

MICROPLATE HOLDER
» 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

DWP

RACK CAPACITY (EA/4)

4/16

1/4

ROUND BUCKET, 500 ML
» 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)

500

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

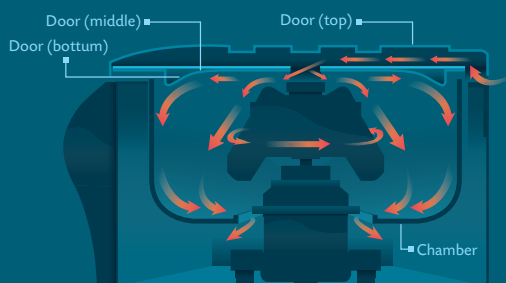
- Manufactured and tested to IEC standard
- Stable spinning operation within +/- 2% variation
- Steady and soft deceleration with dynamic brake technology
- Automatic detection and alarms for imbalance, excess speed and heating
- All models have automatic rotor identification functions
- Unique internal 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.



LABOGENE™
Scandinavian by Design

LaboGene ApS
Industrivej 6-8
DK-3540 Lyngø

Tel (+45) 3940 2566
Fax (+45) 4498 1741
Mail info@labogene.com
Web www.labogene.com

