

# CENTRIC MF 48/48R

# TRUE VERSATILITY MULTIFUNCTION CENTRIFUGES



## MAIN ADVANTAGES:

- > Rotor exchange without tool
- > Compact design
- > Large choice of accessories
- > Ease of use
- > End of run indication

Centrifuge **CENTRIC MF 48/-R series**, 4x400 ml, offers up to 6 x 100ml tubes in angle rotors, and 76 x 5-7ml collection tubes & 2 Deep Well blocks capacity in swing-out rotors.

Perfect control of the centrifugation cycle: programmable acceleration and braking rates and precise control even at low speed.

Refined ergonomics: convenient working height, SMART Lock rapid rotor exchange, SMART Light illuminated handle to indicate end of run, motorized lid opening ...

ORDERING INFORMATION	
<b>CENTRIC MF 48</b> , without rotor	230.3.000
230V / 50 - 60 Hz	
<b>CENTRIC MF 48</b> —without rotor	1230.3.000
120V / 50 - 60 Hz	
<b>CENTRIC MF 48R</b> , without rotor	230.3.500
230V / 50 - 60 Hz	
<b>CENTRIC MF 48R</b> , without rotor	1230.3.500
120V / 50 - 60 Hz	

## TECHNICAL SPECIFICATIONS

Model	CENTRIC MF48	CENTRIC MF48-R
Power supply	230 V / 50 Hz 120 V / 60 Hz	
Max. speed / RCF Swing-out rotor Angle rotor	4.500 rpm / 3.820 x g 12.600 rpm / 17.800 x g	4.500 rpm / 3.820 x g 14.000 rpm / 20.800 x g
Max. capacity Swing-out rotor Angle rotor	4 x 400 ml 6 x 100 ml	
Control system	microprocessor	
Speed range	500 to 12.600 rpm	500 to 14.000 rpm
Speed precision	20 rpm	
Temperature control range	-	-20°C to +40°C
Time	0 - 99h50 and continuous	
Acceleration / Deceleration	10 / 10	
Program settings	10 programs	
Lid opening	motorized	
Motor type	induction	
Certification	EC marked: IEC 1010-1; IEC 1010-2-020 directives	
Dimensions (HxWxD)	280 x 420 x 520 mm	280 x 420 x 750 mm
Crating (HxWxD)	460 x 610 x 650 mm	460 x 610 x 890 mm
Weight (Net/Crated)	50 / 56 kg	70 / 79 kg



# DOMEL

DOMEL, d.o.o., Otoki 21, 4228 Železniki  
BU Laboratory Systems, Na Plavžu 79, 4228 Železniki

Phone: +386 4 5117 525  
E-mail: [info.labs@domel.com](mailto:info.labs@domel.com)  
WEB: <http://labs.domel.com>



DOMEL LABS

# CENTRIC MF 48/48R ACCESSORIES

## SWING OUT ROTORS:



### Four Place Swing-Out rotor with buckets

- 4 x 400 ml
- Max. tube dimensions:  $\phi 75$  x 110 mm
- Max. speed: 4500 rpm
- Max. centrifugal force: 3820 x g

Ordering Code: 233.000 + buckets 233.020



### Two place Swing-Out rotor for MT plates with plate carriers

- 6 x MTP
- Max. plate dimensions: 86 x 128 mm
- Max. speed: 4100 rpm
- Max. centrifugal force: 2380 x g

Ordering Code: 233.270

### Optional inserts for Swing-out rotor 4 x 400 ml

Inserts for 13 x 1.5/2 ml microtubes	(52 microtubes)
Inserts for 14 x 5-7 ml collection tubes	(56 collection tubes)
Inserts for 15 x 5-7 ml BD collection tubes	(60 collection tubes)
Inserts for 19 x 5-7 ml Terumo coll. tubes	(76 collection tubes)
Inserts for 12 x 10 ml collection tubes	(48 collection tubes)
Inserts for 7 x 15 ml conical tubes	(28 conical tubes)
Inserts for 5 x 20 ml tubes	(20 tubes)
Inserts for 3 x 50 ml conical tube	(12 conical tubes)
Inserts for 4 x 50 ml BD conical tube	(16 conical tubes)
Inserts for 1 x 100 ml tube dia. 52 mm	(4 tubes dia. 52 mm)
Inserts for 1 x 150 ml Falcon conical tube	(4 conical tubes)
Inserts for 1 x 250 ml tube	(4 tubes)

## ANGLE ROTORS:



### Angle rotor with lid

- 24 x 1,5/2,0 ml, optional adapters for PCR tubes
- Max. tube dimensions:  $\phi 11$  x 40 mm
- Max. speed: 12600 / 14000 rpm
- Max. centrifugal force: 17000 / 20800 x g

Ordering Code: 233.310



### Angle rotor with lid

- 30 x 1,5/2,0 ml, optional adapters for PCR tubes
- Max. tube dimensions:  $\phi 11$  x 40 mm
- Max. speed: 12500 rpm
- Max. centrifugal force: 17990 x g

Ordering Code: 233.330



### Angle rotor

- 10 x 10,0 ml
- Max. tube dimensions:  $\phi 17$  x 105 mm
- Max. speed: 12600 / 13000 rpm
- Max. centrifugal force: 17000 / 18130 x g

Ordering Code: 233.430



### Angle rotor

- 8 x 50 ml conical, optional adapters for 15 ml conical tubes
- Max. tube dimensions:  $\phi 29$  x 120 mm
- Max. speed: 10500 / 11300 rpm
- Max. centrifugal force: 12900 / 15000 x g

Ordering Code: 233.360



### Angle rotor

- 6 x 100 ml
- Max. tube dimensions:  $\phi 39$  x 115 mm
- Max. speed: 10500 / 11300 rpm
- Max. centrifugal force: 12900 / 15000 x g

Ordering Code: 233.390



### Angle rotor

- 32 x 15 ml conical
- Max. tube dimensions:  $\phi 17$  x 120 mm
- Max. speed: 4400 rpm
- Max. centrifugal force: 2380 x g

Ordering Code: 233.650

We reserve the right to alter specification details etc. without prior notice or liability!

V:06-20

# DOMEL

DOMEL, d.o.o., Otoki 21, 4228 Železniki  
BU Laboratory Systems, Na Plavžu 79, 4228 Železniki

Phone: +386 4 5117 525  
E-mail: [info.labs@domel.com](mailto:info.labs@domel.com)  
WEB: <http://labs.domel.com>



DOMEL LABS