

DOMEL



laboratory
equipment



CENTRIFUGE RANGE

We started developing centrifuges in 1964 - today we offer a complete range from compact models to high-capacity refrigerated units.



Centrifuge CENTRIC CF 220

- Ergonomic design
- User friendly
- Stainless steel chamber
- Quick parameter setting
- Large LCD display

Rotor	Angle: 8 x 15 ml
Time	10 s – 99 min 50 s, Hold function
Speed	200 – 6.000 RPM
Maks. RCF	4.200 x g
Noise	59 dBA
Dimensions / weight	280 x 370 x 226 mm / 13,9 kg

Centrifuge CENTRIC MF 220

- Ergonomic design
- User friendly
- Stainless steel chamber
- Quick parameter setting
- Large LCD display

Rotors	Angle: 8 x 15 ml, 12 x 12 ml, 24 x 2,0 ml, 12 x 5,0 ml, 6 x 50 ml, Hematocrit rotor, PCR strip rotor
Time	10 s – 99 min 50 s, Hold function
Speed	200 – 15.500 RPM
Maks. RCF	24.700 x g
Programs	100
Noise	59 dBA
Dimensions / weight	280 x 370 x 226 mm / 14,4 kg

Centrifuge CENTRIC 250

- Quiet operation, Maintenance Free Motor (Brushless motor)
- Double Lid Lock System
- Fast spin
- Special features (Auto start, Lid opening, Beeper, 100 Programs)
- Large LED display

Rotors	Swing out: 6 x 12 ml, Angle: 8 x 15 ml, 12 x 12 ml, 24 x 2,0 ml, 30 x 2,0 ml, 16 x 5 ml, 6 x 50 ml, Hematocrit rotor, PCR strip rotor, Cyto rotor
Time	0 – 99 min 50 s, Hold function
Speed	200 – 16.200 RPM
Maks. RCF	25.230 x g
Programs	100
Noise	62 dBA
Dimensions / weight	250 x 300 x 415 mm / 18 kg

Centrifuge CENTRIC 350

- Quiet operation, Maintenance Free Motor (Brushless motor)
- High RCF
- Small Footprint for High Sample Volume
- Double Lid Lock System
- Fast Spin Function
- Special features (Auto start, Lid opening, Beeper, 100 Programs)
- Large LED display

Rotors	Swing out: 4 x 200 ml, 4 x 100 ml, 2 x 3 MTP rotor Angle: 30 x 12 ml, 6 x 50 ml, 24 x 2,0 ml, 30 x 2,0 ml, 16 x 5 ml Hematocrit rotor, PCR strip rotor, Cyto rotor, Prp rotor
Time	0 – 99 min, Hold function
Speed	200 – 15.000 RPM
Maks. RCF	21.630 x g
Programs	100
Noise	61 dBA
Dimensions / weight	325 x 405 x 500 mm / 32 kg



Centrifuge CENTRIC 260 (not available in EU)

- Ergonomic design
- Easy to use
- Easy setup of parameters
- Good readability

Rotors	Swing-out rotor 6 x 12 ml, PCR plates, Angle rotors 8 x 15 ml, 12 x 12 ml, 6 x 50 ml, Micro rotors 24 x 2 ml (aerosol tight), 24 x 2 ml, 30 x 2 ml, 16 x 5 ml, PCR strip rotor, Haematocrit rotor
Time	0 – 99 min, continuous
Speed	200 – 18.000 RPM
Maks. RCF	31.150 x g
Programs	100
Noise	62 dBA
Dimensions / weight	360 x 430 x 285 mm / 22,5 kg

Centrifuge CENTRIC MF 220 R

- Refrigerated micro centrifuge
- Easy to use, user friendly
- Easy setup of parameters
- Good readability, large LCD display

Rotors	Angle rotors 8 x 15 ml,12 x 12 ml, 6 x 50 ml, Micro rotors 24 x 2 ml (aerosol tight), 48 x 2 ml (aerosol tight), 24 x 2 ml, 12 x 5 ml, 4 x PCR strip rotor, Haematocrit rotor
Time	10 s – 99 min 50 s, Hold function
Speed	200 – 16.200 RPM
Maks. RCF	25.200 x g
Temp. range	-20 °C to +40 °C
Programs	99
Noise	60 dBA
Dimensions / weight	280 x 249 x 602 mm / 30,66 kg

Centrifuge CENTRIC 260 R (not available in EU)

- Ergonomic design
- Easy to use
- Easy setup of parameters
- Good readability

Rotors	Swing-out rotor 6 x 12 ml, PCR plates, Angle rotors 8 x 15 ml, 12 x 12 ml, 6 x 50 ml, Micro rotors 24 x 2 ml (aerosol tight), 24 x 2 ml, 30 x 2 ml, 16 x 5 ml, PCR strip rotor, Haematocrit rotor
Time	0 – 99 min, Hold function
Speed	200 – 18.000 RPM
Maks. RCF	31.150 x g
Temp. range	-19 °C to +40 °C
Programs	100
Noise	60 dBA
Dimensions / weight	360 x 665 x 285 mm / 50 kg

Centrifuge CENTRIC 400 R

- Quiet operation, Maintenance Free Motor (Brushless motor)
- High RCF
- Double Motor Driven Lid Lock System
- Fast Cool Function
- Large LED display
- Robust design

Rotors	Swing out: 4 x 200 ml, 4 x 100 ml, 2 x 3 MTP rotor Angle: 30 x 12 ml, 6 x 50 ml, 24 x 2,0 ml, 30 x 2,0 ml, 16 x 5 ml, PCR strip rotor
Time	0 – 99 min 50 s, Hold function
Speed	200 – 18.000 RPM
Maks. RCF	31.151 x g
Temp. range	-9 °C to +40 °C
Programs	10
Noise	58 dBA
Dimensions / weight	350 x 650 x 545 mm / 79 kg



Centrifuge CENTRIC CF 48 / CENTRIC MF 48

- Fast rotor change
- Compact design
- Lot of accessories

	Centric CF 48	Centric MF 48
Rotors	Swing-out rotor 4 x 400 ml, Swing-out rotor for microtiter plates	Swing-out rotor 4 x 400 ml, Swing-out rotor for microtiter plates, Angle Rotors 32 x 15 ml, 10 x 10 ml, 8 x 50 ml, 6 x 100 ml, 24 x 2 ml, 30 x 2 ml
Time	0 – 99 h 50 min, continuous	
Speed	4.500 RPM	12.600 RPM
Maks. RCF	3.830 x g	17.990 x g
Programs	10	10
Dimensions / Weight	420 x 520 x 280 mm / 50 kg	



Centrifuge CENTRIC CF 48 R / CENTRIC MF 48 R

- Fast rotor change
- Compact design
- Lot of accessories
- Easy to use

	Centric CF 48 R	Centric MF 48 R
Rotors	Swing-out rotor 4 x 400 ml, Swing-out rotor for microtiter plates	Swing-out rotor 4 x 400 ml, Swing-out rotor for microtiter plates, Angle Rotors 32 x 15 ml, 10 x 10 ml, 8 x 50 ml, 6 x 100 ml, 24 x 2 ml, 30 x 2 ml
Time	0 – 99 h 50 min, continuous	
Speed	4.500 RPM	14.000 RPM
Max. RCF	3.830 x g	21.030 x g
Temp. range	-20 °C to +40 °C	-20 °C to +40 °C
Programs	10	10
Dimensions / Weight	420 x 750 x 280 mm / 70 kg	



Centrifuge CENTRIC CF 108 R / CENTRIC CF 108 GR

- Large volumes
- Ergonomic design
- Fast rotor change
- Lot of accessories

	Centric CF 108 R	Centric CF 108 GR
Rotors	Swing-out rotor 4 x 750 ml	
Time	0 – 99 h 50 min, continuous	
Speed	4.500 RPM	
Max. RCF	4.530 x g	
Temp. range	-20 °C to +40 °C	
Programs	10	
Tip	Table top	Floor standing
Dimensions / Weight	744 x 671 x 323 mm / 130 kg	536 x 671 x 893 mm / 145 kg



SHAKERS

A broad range of shakers - from compact vortex units to large-platform models and shaking incubators - including OEM production for a leading global partner.



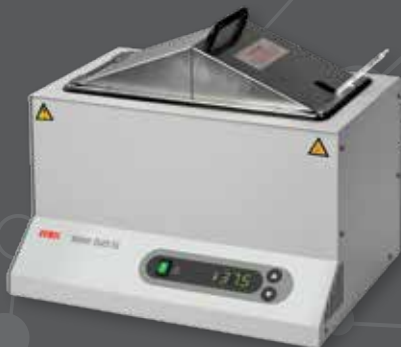
Big Orbital Shaker VIBROMIX 50

- Maintenance Free Motor (Brushless motor)
- Gyro Anti-Vibration System
- Load capacity up to 25 kg
- Speed: VIBROMIX 50: 50 - 500 RPM
- Orbit: VIBROMIX 50: 25 mm
- Time setting: 0 - 99 min, HOLD function

Model	Equipment
VIBROMIX 50	Platform for flask clamps from 125 - 2000 ml (610 x 460 mm)
	Platform for flask clamps from 125 - 2000 ml (760 x 460 mm)
	Platform with rubber material (610 x 460 mm)
	Universal Platform with squeeze bars (610 x 460 mm)

WATER BATHS

Compact 6 L benchtop water bath with stainless steel chamber and digital LED control for precise temperature regulation.



Digital WATER BATH 6

- Stainless Steel Chamber and Gabled Cover
- Large LED Display
- Microprocessor control of temperature

Volume	6 l
Temp. range	Ambient temp. +5 °C up to 99 °C
Temp. accuracy	±0,5 °C at 37 °C
Container Dimensions	6 l – 320 x 170 x 180 mm
Dimensions / Weight	6 l – 380 x 290 x 230 mm / 8,6 kg

LABORATORY MILL

MillMix 30 is a powerful and user-friendly homogenizer with a wide range of chambers and adapters, ideal for fast and precise mixing, disintegration, and homogenisation.



Laboratory Mill MILLMIX 30

- Most efficient grinding among benchtop Ball Mills
- Shaking stroke 32 mm
- Maintenance free, sensor controlled motor (Brushless motor)
- Programmable – programs and cycles
- Dry or wet milling of samples
- Wide range of standard jars, adapters, holders and balls
- Custom made applications and adapters

Accessories	Jars 1,5 ml, 5 ml, 10 ml, 25 ml, 35 ml, 50 ml (hard steel and stainless steel), 25ml Tungsten carbide, 35 ml Zirconium
	Jar for forensics application 25 ml
	Holders for Falcon tubes 5 ml, 15 ml, 50 ml, MT Plates
	PTFE Adapters 12 x 0,2 ml; 6, 12, 24 x 2 ml
Frequency	3 – 30 Hz, HOLD function
Time	5 sec – 99.50 min
Programs, cycles	99 programs and 9 cycles
Dimensions / weight	400 x 470 x 250 mm / weight 45,5 kg

INCUBATOR RANGE

Compact incubators in 10, 23, and 56 L versions - all digital models are OEM units available exclusively for non-EU tenders.



Analogue Mini incubator

- Small Analogue Benchtop Incubator
- Large Transparent or Opaque Door

Volume	10 l
Temp. range	Ambient temp. +5 °C up to +60 °C
Temp. accuracy	±0,6 °C at 37 °C
Shelves	2 possitions for 10 l
Dimensions / weight	10 l - 285 x 280 x 335 mm / 8 kg

Digital Mini incubator (not available in EU)

- Small Benchtop Incubator
- Large Transparent or Opaque Door
- Microprocessor control of temperature
- Temperature sensor PT-100

Volume	10 l, 23 l and 56 l
Temp. range	Ambient temp. +5 °C up to +70 °C
Temp. accuracy	±0,5 °C at 37 °C
Dimensions / Weight	10 l – 285 x 280 x 335 mm / 8,3 kg
	23 l – 340 x 360 x 400 mm / 12,8 kg
	56 l – 453 x 420 x 546 mm / 23,6 kg
Shelves	2 possitions for 10 l
	3 possitions for 23 l
	5 possitions for 56 l

Cooling incubator (not available in EU)

- Double Isolated Door
- Low Power Consumption
- Heating and Cooling with Peltier element
- Microprocessor control of temperature
- Temperature sensor PT-100

Volume	23 l
Temp. range	app. 10 °C bellow Ambient temp. to 50 °C
Temp. accuracy	±0,5 °C at 37 °C
Shelves	3 positions
Dimensions / Weight	380 x 470 x 450 mm / 19,2 kg

Cooling incubator

- Double Isolated Door
- Low Power Consumption
- Heating and Cooling with Peltier element
- Microprocessor control of temperature
- Temperature sensor PT-100

Volume	56 l
Temp. range	app. 10 °C bellow Ambient temp. to 50 °C
Temp. accuracy	±0,5 °C at 37 °C
Shelves	5 positions
Dimensions / Weight	480 x 525 x 580 mm / 35 kg



Cooling TOWER incubator (not available in EU)

- Two separately controlled chambers on small footprint
- Double Isolated Door
- Low Power Consumption
- Heating and Cooling with Peltier element
- Microprocessor control of temperature
- Temperature sensor PT-100

Volume	2 x 23 l
Temp. range	app. 10 °C bellow Ambient temp. to 50 °C
Temp. accuracy	±0,5 °C at 37 °C
Shelves	Each chamber – 3 positions
Dimensions / Weight	380 x 470 x 790 mm / 34 kg

OEM Production

We develop and manufacture custom laboratory equipment for leading global brands, combining reliable quality, proven innovation, and certified standards from our site in Železniki, Slovenia (Europe).



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Domel, Otoki, Železniki, Slovenia

- Vacuum cleaner Motors
- Brushless Motors
- Automotive
- PM Motors

Locations

Na Plavžu, Železniki, Slovenia

- EC Systems
- Laboratory equipment

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