

Your Partner in Laboratory



Micro Centaur R

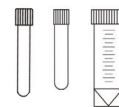
Micro centrifuge



BETATEK INC.
Instrumentation Superbly Supported
L'instrumentation à son meilleur

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24 x 2ml



15 000 RPM



21 382 x g



MSE
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FRANCE



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
DECADES OF CENTRIFUGE
INTELLIGENCE

FEATURES

- Space-saving design
- Centrifuges designed according to specific needs of family doctors and veterinarians
- Lid locking during rotor running
- Emergency lid lock release
- Automatic opening of the lid
- Modern software system**
- Manual centrifugal adjustment (with automatic RCF correction)
- Possibility to change parameters during run
- Fast cooling (within max. 6 min to reach 4°C)
- Visual and sound alert notification
- 100 user programs
- Delayed start function
- Selected functions blocking password protection
- Stainless steel chamber
- 10 languages (FR, EN, ES, IT, PT, DE, RU, SE, CZ, PL)
- Wide range of rotors
- PULSE and HOLD mode
- Brushless drive



ADAPTORS

MSE Cat n°	Description	Dimension
 MSE4133	Round Adaptor without bottom for 4–7ml Blood tube	1 x Ø 13.3 mm
 MSE4135	Round Adaptor without bottom for 0.5 ml PCR tube	1 x Ø 8.0 mm
 MSE4177	Round Adaptor without bottom for 0.4 ml PCR tube	1 x Ø 5.8 mm
 MSE4184	Round Adaptor for 0.2 ml PCR tube	1 x Ø 6.2 mm
MSE6215	Hematocrite reader –round	

OUR RANGE OF MICRO CENTRIFUGES



KESTREL

The Kestrel is a small compact non-refrigerated benchtop centrifuge capable of spinning 6 blood tubes at over 3000g. Reliable, compact and easy to use, the Kestrel centrifuge is the perfect addition to any medical environment where a small number of blood tubes need to be processed quickly and efficiently.



MICRO CENTAUR P

The Micro Centaur P is an improved version of the original Micro Centaur, adding new features and accessories. Its space-saving design and programmable features makes it an ideal choice for your laboratory.



HAWK

The Hawk is designed to be used in a wide variety of life science applications, especially biochemical and genetic research, with maximum g forces of up to 23,140 and maximum capacity of 4 x 100ml.



HAWK R

The Hawk R is a refrigerated version of the Hawk R and designed to be used in a wide variety of life science applications, especially biochemical and genetic research, with maximum g forces of up to 23,140 and maximum capacity of 4 x 100ml.

ANGLE ROTOR SYSTEMS

MSE Cat. No	Description	Max. RPM	Max. RCF	Max. Capacity	Adaptor				
					MSE4133	MSE4135	MSE4177	MSE4184	MSE6215
MSE2351	Hematocrite rotor for 24 capillaries	13000	16816	24 x 75 mm					x
MSE1767	Angle rotor for PCR strips with Hermetically Sealed Lid (angle 45°)	15000	17609	4 x 8 x 0.2 ml					
MSE1994	Angle rotor 20 x 1.8 ml SARSTEDT CRYO tubes with Hermetically Sealed Lid (angle 45°)	15000	21382	20 x 1.8 ml					
MSE1512	Angle rotor 24 x 2/1.5ml with Hermetically Sealed Lid (angle 45°)	15000	20879	24 x 2/1.5 ml	x	x	x	x	
MSE1811	Angle rotor 24 x 2 ml for filter tubes/spin columns with Hermetically Sealed Lid (angle 45°)	15000	21382	24 x 2 ml					
MSE1995	Angle rotor 12 x 5 ml Eppendorf tubes with Hermetically Sealed Lid (angle 45°)	15000	21382	12 x 5 ml					
MSE1993C/A	Angle rotor 6 x 15/10ml (angle 30°) (with bucket MSE3131)	6000	3542	6 x 15/10 ml	x				
MSE1993C/B	Angle rotor 6 x 10 ml (angle 30°) (with bucket MSE3132)	6000	3542	6 x 15/10 ml	x				

More than 80 years in the centrifuge industry

WARRANTY : 24 months of warranty +extended warranty

CUSTOMER ORIENTED: Immediate assistance to any inquiries and claims

QUALITY : MSE products comply with all applicable safety regulations and are compliant with IVD. MSE manufactures according to the best quality management systems, including ISO 9001 and ISO 13485



Technical Data

Height (mm)	285 mm
Width (mm)	299 mm
Depth (mm)	595 mm
Weight (kg)	33 kg
Maximum capacity	90 ml
Maximum speed	15 000 RPM
Maximum RCF	21 382 x g
Timer	1 second to 99 hours 99 minutes 59 seconds, 1s step, or continuous
Noise output	≤60 dB
Number of acceleration rates	10
Number of brake rates	10
Number of programs	100
Min. acceleration time	6s
Min. braking time	5s
Display	Digital LED
Motor	Brushless induction drive
Safety features	Automatic lid lock, motor over-heat and over speed protection, rotor recognition, imbalance cut out, keypad lock
Temperature control range	-20°C to +40°C
Power	500 W
Power supply	230V, 6.3A, single phase, 50Hz 110V, 10A, single phase, 60Hz
Catalogue number	230V, 50Hz MSB010.CR3.5 110V, 60Hz MSB010.CR3.1

All MSE centrifuges comply with the latest European safety and environmental standards.
Our centrifuges are also fully RoHS compliant.

