

Your Partner in Laboratory Centrifuges

MSE



Cellsep 6/720R

Stand floor refrigerated centrifuge



4 700 rpm



6 373 xg



7 200 ml
222 tubes
12 blood bag



-20°C to +40°C

Stand floor centrifuge range



Mastering centrifugation for over 85 years

FEATURES

- One of the most reliable and quietest centrifuges in its class
- Nearly 90 years' experience in the centrifuge industry
- Optimum height for easy loading
- Easy-to-clean surfaces
- **Wide range of autoclavable accessories**
- Double vibration damping system
- Stop in case of imbalance
- Automatic rotor recognition
- High-level final quality control
- Fully programmable
- Brushless induction motor
- Maintenance-free



BLOOD BANKING ROTORS AND ACCESSORIES



Cat. No.	Description	Color	Max capacity	RCF (43124-720)	RCF (43124-720H)
43124-720	Windshielded swing-out rotor 6 x 1200 ml, 4200 RPM	-	6 x 1 200 ml	5 089	
43124-720H	Windshielded swing-out rotor 6 x 1200 ml, 4700 RPM	-	6 x 1 200 ml	-	6 373
43551-1276	Set of 6 oval buckets for blood bag use	-	6 x 1 200 ml	5 089	6 373
43155-1406	Set of 6 adaptors for Triple/Quad Blood Bags	Red	6 x triple or Quad Blood Bags	5 009	6 272
43155-1416	Set of 6 adaptors for 2 x Single or Double Blood Bags	Blue	12 x Single or Double Blood Bags	4 989	6 248
43155-1426	Set of 6 adaptors for 2 x Single or Double Bloods Bags with Divider	Yellow	12 x Single or Double Blood Bags	5 048	6 322
43155-129	Set of 6 adaptors for 1 200ml PP Bottle for rotor MSE	White	6 x 1 200ml PP Bottle	5 048	6 322
43551-1237	StemXtract system for variable volume blood bags ideally for cord blood	Black	6 x cord blood	2 495 (RPM 3000 max)	2 495 (RPM 3000 max)
43155-XXX	Customised accessory (seperators, liners...)			N/A	N/A

STEMXTRACT

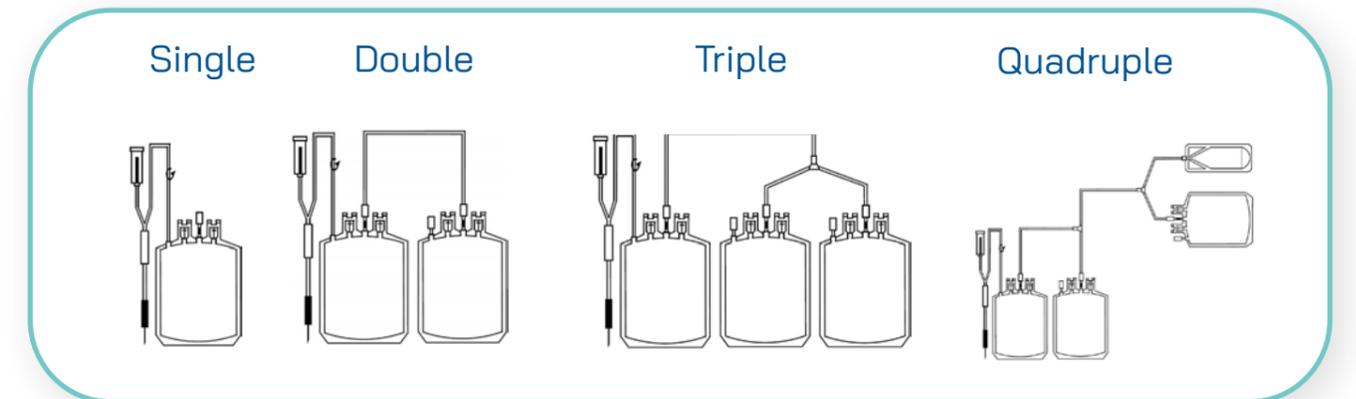
Having trouble centrifuging varying sample sizes of umbilical cord blood?

Developed in conjunction with a leading blood bag manufacturer and trialled by the UK's foremost blood cancer charity, our patented StemXtract™ System is the only centrifuge adaptor dedicated specifically for the extraction of stem cells in varying volumes of umbilical cord blood.

With a range of different inserts, ensure your samples are always fully supported, whatever their volume.

StemXtract™ is designed without any sharp edges, thus minimising the risk of bursting your precious samples.

Access your samples simply by taking apart our two- part adaptor rather than pulling on the bag and risk compromising the separation or splitting the bag.



TUBES AND BOTTLES ROTORS & ACCESSORIES



Cat. No	Adaptor	Global Capacity	RCF	RCF	Max. Φ mm (container)
43125-720	Swing-out rotor 6 x 1200 ml windshielded - 4200 RPM	6 x 1200 ml	-	-	-
43124-720H	Swing-out rotor 6 x 1200 ml windshielded - 4700 RPM	6 x 1200 ml	-	-	-
43551-1286	Set of 6 round Buckets 1000 ml with sealed polycarbonate lid	6 x 1000 ml	5 089	6 373	-
43155-1326	Set of 6 adaptors 37 x 5 ml blood tube (blue)	222 x 5 ml	4 871	6 100	12
43155-1336	Set of 6 adaptors 28 x 7 ml blood tube (orange)	168 x 7 ml	4 851	6 075	13
43155-1346	Set of 6 adaptors 19 x 15 ml blood tube (green)	114 x 11 ml	4 950	6 198	17
43155-1536	Set of 6 adaptors for 12 x 15 ml conical tube (maroon)	114 x 11 ml	4 969	6 223	17
43155-1376	Set of 6 adaptors for 5 x 50 ml universal tube (red)	30 x 50 ml	5 029	6 297	32
43155-1366	Set of 6 adaptors 7 x 30 ml universal tube (yellow)	42 x 30 ml	4 851	6 075	29
43155-1526	Set of 6 Adaptors for 6 x 50 ml Falcon tube (beige)	36 x 50 ml	5 029	6 297	30.5
43155-1586	Set of 6 adaptors for 200 ml conical bottle	6 x 200 ml	4 969	6 223	60 x 141
43155-164	Set of 6 Adaptors for 200 ml bottle	6 x 200 ml	4 989	6 248	56 x 143
43155-159	Set of 6 Adaptors for 250/300 ml bottle	6 x 300 ml	4 989	6 248	62 x 142
43155-XXX	Round Adaptor customised (to fit tubes, vials or bottles of your specification)	N/A	N/A	N/A	N/A

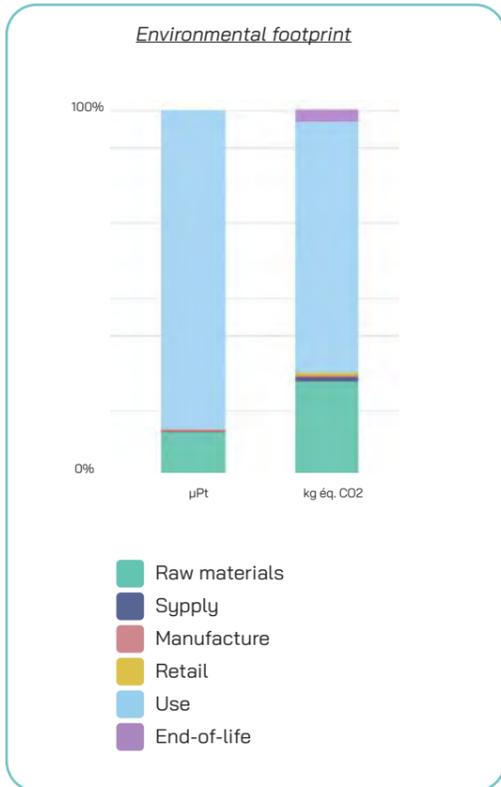


SUSTAINABLE DEVELOPMENT IN OUR INDUSTRY



Our mission is to be at the forefront of centrifuge innovation, but this goes hand in hand with our commitment to better production! We design and improve our centrifuges to have as little impact as possible on the environment and offer solutions to reduce our carbon footprint.

To minimize the carbon impact of manufacturing we work mainly with local suppliers.



FOCUS ON OUR ECODESIGN APPROACH

The studies we have carried out in collaboration with a specialist independent consultancy show that the use phase has the greatest impact on the environment.

Our R&D engineers have adopted an eco-design approach with the aim of providing our customers with a centrifuge that consumes less energy and reduce the overall environmental impact of our centrifuges.

The benefits of this design-focused approach have been many and tangible. The changes made to our centrifuges have enabled us to :

- ✓ REDUCE ENERGY CONSUMPTION
- ✓ FACILITATE REPAIRS AND MAINTENANCE,
- ✓ EXPAND SERVICE LIFE
- ✓ MINIMIZE THE QUANTITY OF MATERIALS
- ✓ INCORPORATING FLEXIBILITY TO COUNTER TECHNOLOGICAL CHANGE



Interview with MSE's Director and MSE's R&D manager on the actions taken to limit the energy consumption of our centrifuges and their carbon impact.



- **WARRANTY** : 24 months of warranty + extended warranty
- **CUSTOMER ORIENTED** : Immediate assistance to any inquires and claims
- **QUALITY** : Our ISO 9001 and ISO 13485 certifications are testament to the quality of our products and our commitment to continually improve them
- **CE marked and EMC tested**



	Cellsep 6/720 R	Cellsep 6/720 R+
Height	1 115 mm	
Width	745 mm	
Depth	1 020 mm	
Weight	330 kg	
Maximum capacity	7200 ml	
Maximum speed	4200 rpm	4 700 rpm
Maximum RCF	5 089 xg	6 373 xg
Timer	1 second to 99 hours, 59 minutes 1s step or continuous	
Noise output	53 dB	
Power supply	220V, 50/60Hz mono or bi phase	
Number of acceleration rates	9	
Number of brake rates	10	
Number of programs	50	
Number of steps	8 per program	
Display	Digital Green Led	
Motor	Brushless induction drive	
Temperature control range	-20°C to +40°C / 1°C prog step	
Safety features	Automatic lid lock, motor over heat and over speed protection, rotor recognition, imbalance cut out, reinforced 12 mm steel guard ring, keypad lock, high grade aluminium case and lid, electrical protection filter	
Catalogue number	MSF720.CR2.KG	MSF720.CR3.KG

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



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