

Powerful
at every turn



General Purpose Pro and Plus Centrifuges

The new line of Thermo Scientific™ Multifuge™ X Pro and Megafuge™ ST Plus centrifuges is designed to offer improved performance, reliability, consistency and safety.

With fixed-angle rotor RCF (Relative Centrifugal Force) of over 25000 x g, and swinging buckets rotor RCF of over 7000 x g, even the toughest separations can be completed better and faster.

Scientists working across biopharmaceutical, academic research and clinical diagnostic applications can choose between ventilated or refrigerated 4L (4 x 1000mL) models.

Main features of the Multifuge X Pro and Megafuge ST Plus Centrifuge Series:

- **Intuitive**, state-of-the-art touchscreen interface for simple and fast programming (Pro Series)
- **Safe and easy** rotor exchange with Auto-Lock™ technology
- **Improved ergonomics** through long-lasting Fiberlite™ Carbon Fiber Rotors
- **Bio-containment** with glove-friendly ClickSeal™ Biocontainment Lids



Multifuge X4R Pro



Megafuge ST4R Plus

Specifications and ordering information

Specifications	Multifuge X4 Pro		Multifuge X4R Pro		Megafuge ST4 Plus		Megafuge ST4R Plus	
	IVD/MD	General Use Only	IVD/MD	General Use Only	IVD/MD	General Use Only	IVD/MD	General Use Only
Swinging Buckets Rotors								
Maximum Capacity	4 x 1000 mL with TX-1000 rotor							
Maximum Speed	6000 rpm with BIOShield 1000A rotor				5300 rpm with BIOShield 1000A rotor			
Maximum RCF	7164 x g with BIOShield 1000A rotor				5590 x g with BIOShield 1000A rotor			
Fixed Angle Rotors								
Maximum Capacity	6 x 250 mL with F14-6x250LE rotor				6 x 100 mL with F15-6x100 or F10-6x100 rotor			
Maximum Speed	15200 rpm with F21-48x2, Microliter 48x2 or Microliter 30x2							
Maximum RCF	25830 x g with Microliter 30x2							
Centrifuge Details								
Control System	Microprocessor							
Drive System	Direct, Brushless induction low profile motor							
Accel/Decel Profiles	Choices of 9 Accel / 10 Decel Rates							
Material	front, top, sides: PC-ABS plastic painted with 2K PUR-based lacquer; metal housing: cold rolled steel with powder paint; centrifuge bowl: stainless steel; centrifuge feet: rubber							
Safety Features	SMARTSpin Imbalance detection, finger-pinch prevention, crash-proof construction							
Warranty	5 Year Limited							
Includes	printed English user manual, USB stick with 28 languages of user manual, corrosion resistance oil (70009824), power cord, declaration of conformity							
Noise Level	<64 dB for refrigerated and <68 dB for ventilated							
Temperature Range	N/A		-10°C to +40°C		N/A		-10°C to +40°C	
Number of Compatible Rotors	17		17		12		12	
Display Details								
Display	Full color touch screen interface				Push button and high contrast LCD interface			
Run Time	max 99h, 59min, 59sec; also with continuous run and customizable short run				max 9h, 59min; also with continuous run and preset short run			
Timer	count up or down				count down only			
Program Storage	up to 100 run programs				up to 6 run programs			
Programmability	via easy access touch screen menu				via 6 direct access buttons			
Dimensions, Weight								
Width (cm) Exterior	56.6		74.6		56.6		74.6	
Depth (cm) Exterior	69.0		69.0		69.0		69.0	
Height (cm) Exterior	36.2		36.1		36.2		36.1	
Height (cm) Open Cover	86.1		86.0		86.1		86.0	
Footprint Dimensions (cm)	56.6 x 58.8		74.6 x 58.4		56.6 x 58.8		74.6 x 58.4	
Net Weight (kgs)	89		120		89		120	
Certifications and Standards								
IVD/MD	X		X		X		X	
Certifications	EN/UL/IEC 61010-1, EN/UL/IEC 61010-2-020 and 61010-2-101, EN/UL/IEC 61326-1, EN/UL/IEC 61326-2-6, FCC part 15							
Standards	ISO 14971, ISO 13485, ISO 9001							
Ordering Information								
	Multifuge X4 Pro		Multifuge X4R Pro		Megafuge ST4 Plus		Megafuge ST4R Plus	
	IVD/MD	General Use Only	IVD/MD	General Use Only	IVD/MD	General Use Only	IVD/MD	General Use Only
230V	75009500*	75009900	75009515*	75009915*	75009503*	75009903	75009518*	75009918
120V	75009501*	N/A	75009516*	N/A	75009504*	N/A	75009519*	N/A

*Indicates a centrifuge, rotor and/or adapter product approved for use in clinical applications; see user manual for details.

Find out more at thermofisher.com/gp-pro-centrifuge