



1.6 L Benchtop Centrifuges: specifications and ordering information

Specifications	Multifuge X1 Pro		Multifuge X1R Pro		Megafuge ST1 Plus		Megafuge ST1R Plus	
	IVD	General Use Only	IVD	General Use Only	IVD	General Use Only	IVD	General Use Only
Swinging Buckets Rotors								
Maximum Capacity	4 x 400 mL with TX-400 rotor							
Maximum Speed	6300 rpm with BIOShield 720 rotor				5300 rpm with BIOShield 720 rotor			
Maximum RCF	7188 x g with BIOShield 720 rotor				5088 x g with BIOShield 720 rotor			
Fixed Angle Rotors								
Maximum Capacity	6x100 mL with F15 6x100y				6x100 mL with F15 6x100y			
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 (2 years standard warranty + 3 additional years on motor and refrigeration)							
Includes	printed English user manual, USB stick with 28 languages of user manual, corrosion resistance oil (70009824), power cord, declaration of conformity							
Temperature Range	N/A		-10°C to +40°C		N/A		-10°C to +40°C	
Number of Compatible Rotors	16		16		14		14	
Display Details								
Display	Full color touch screen interface				Push button and high contrast LCD interface			
Run Time	max 99h, 59min, 59sec; also with continuous and customizable pulse				max 9h, 59min; also with continuous and pulse modes			
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 (inches) Exterior	17.5		24.6		17.5		24.6	
Width (cm) Exterior	44.5		62.5		44.5		62.5	
Depth (inches) Exterior	26		26		26		26	
Depth (cm) Exterior	66		66		66		66	
Height (inches) Exterior	14.3		14.2		14.3		14.2	
Height (cm) Exterior	36.2		36.1		36.2		36.1	
Height (inches) Open Cover	33.6		33.6		33.6		33.6	
Height (cm) Open Cover	85.5		85.5		85.5		85.5	
Footprint Dimensions (inches)	17.5 x 23.1		24.6 x 23.0		17.5 x 23.1		24.6 x 23.0	
Footprint Dimensions (cm)	44.5 x 58.8		62.5 x 58.4		44.5 x 58.8		62.5 x 58.4	
Net Weight (lbs)	134		207		134		207	
Net Weight (kgs)	61		94		61		94	
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 X1 Pro		Multifuge X1R Pro		Megafuge ST1 Plus		Megafuge ST1R Plus	
	IVD	General Use Only	IVD	General Use Only	IVD	General Use Only	IVD	General Use Only
230V [§]	75009210*	75009710	75009250*	75009750	75009230*	75009730	75009270*	75009770
120V	75009210*	N/A	75009251*	N/A	75009230*	N/A	75009271*	N/A

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

[§] 220V / 60 Hz [Korea, etc.]