

MiniStar Plus

Marks Scientific



Key Features:

- ◎ Unique rotor Snap-On design to replace the rotor without any tools
- ◎ The compound test tube rotor compatible with more rotors
- ◎ High-strength main body and rotor material ;
- ◎ PI high-frequency full-range wide-amplitude power supply control scheme ;
- ◎ DC permanent magnet motor, speed range from 500 to 12000 rpm, accuracy $\pm 5\%$
- ◎ speed step 500 rpm, centrifugation time range is 1-99 minutes or 1-59 seconds;
- ◎ RSS material damping, 360° rotating space, no angle, less wind resistance, and temperature rise, ultra-quiet, noise level $\leq 47\text{dB}$;
- ◎ Over speed, unbalance detection system, lid lock protection with Fault alarm
- ◎ Faster acceleration/deceleration rates.

Technical Parameter :

Model	MiniStar Plus				
Voltage	AC100-250V/50/60Hz	Max RPM (rpm) [r / min.]	500 ~ 12000rpm±5%		
Power fuse	PPTC	Step Speed	500rpm		
Power [W]	45W	Max RCF [×g]	9660×g		
Control method	ST16 bit MCU / PWM / speed control	Fault Alarm	Voice + Code		
Display	LCD	Dimension L×W×H[mm]	194×229×120		
Motor	DC24V DC permanent magnet motor	Net Weight	2Kg		
Timing Range	1-99min./1-59sec.	Noise Level	≤47dB(A)		
Fastest Acceleration time	≤12s	Fastest Deacceleration time	≤16s		
Protection level	IP21	Temperature / humidity	5-40℃/80%		
Testing standard	EN 61010-1 , EN 61010-2-020 , EN 61326-1 , EN 61010-3-2/A2				
Rotor Type	Rotor	Capacity (ml×tubes)	Max Speed (r/min.)	Max RCf (×g)	Tube Type
Angle Rotor	#1 Compound angle rotor	1.5/2×12+ PCR 0.2×8×4	12000	9500	PP Cone bottom cover
	#2 Angle PCR rotor	PCR 0.2×12×4	12000	5960	PP Cone bottom cover
	#3 Angle rotor	5×4	12000	9660	PP Cone bottom cover
	#4 Angle rotor	Capillary blood tube×12	12000	8371	Dia1.5mm×40
	#5 Angle rotor	5/1.8/1.1×4	7000	3180	PP Vertical screw tube