

CRYSTE

MICRO CENTRIFUGE PURISPIN 17R



Refrigerated micro centrifuge with compact design and easy operation

STANDARD SPECIFICATION



Max. RPM	17,000RPM(Angle Rotor)	13,000RPM(Swing Rotor)
Max. RCF	23,522 xg	16,343 xg
Max. Capacity	1.5/2.0ml x 30	1.5/2.0ml x 24
Accel / Decel phase	0 ~ 9 (10 Step)	
Set Temp.	-10°C ~ +40°C (1°C increments)	
Ref. System	Non-CFC	
Noise Level	≤60dB	
Set Time	99 min 59sec or continuous	
Time Count	From start / From set-up RPM	
Program	100 memory	
Rotor ID	Automatic Recognition	
Display	4.3" LCD Touch Screen	
RPM Range	400 to 17,000 RPM	
Display message on screen	RPM, RCF, Time, Door open/close, Temp ACC, DEC, Rotor ID, Program, Comp. On/Off, Key lock	
Available Rotor Quantity	7	
Power Supply	P17R-MB	AC 230V ± 10%, 50-60Hz, 1Phase
	P17R-MBT	AC 120V ± 10%, 50-60Hz, 1Phase
Power Consumption	1,5KW	
Dimension(W x D x H)	306 x 463 x 373 mm (H:685mm with open lid)	
Weight (without rotor)	30kg	

MAIN FEATURE



Compact Design

With the smallest footprint in its class, it is possible to freely arrange a space on a complex experiment table using multiple equipment.



GRYSTE FLIP
Touch Controller



BIO Biocontainment
Accessory Package



Energy Saving



GRYSTE AXLOCK
Rotor



Refrigeration &
Fast Cooling



Silent Operation





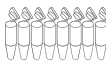












Fast acceleration/
deceleration time



Up to 5ml micro tubes,
PCR strip rotor, etc. available

AVAILABLE ANGLE ROTORS

Rotor	 Fixed Angle Rotor $\angle 45^\circ$ 48 x 0.2ml Radius(mm) : 83.5		 BEST Fixed Angle Rotor $\angle 45^\circ$ 24 x 1.5ml Radius(mm) : 84.8			 Fixed Angle Rotor $\angle 45^\circ$ 30 x 1.5ml Radius(mm) : 94.8		
Item	A480.2M		A241.5M			A301.5M		
Tube								
Volume (ml)	0.2	0.2ml Strips	0.2	0.5	1.5 / 2.0	0.2	0.5	1.5 / 2.0
Adaptor / tube rack								
Item			F1.5A-0.2	F1.5A-0.5		F1.5A-0.2	F1.5A-0.5	
Number per rack / rotor	48	6	24	24	24	30	30	30
Adaptor bore (mm)	6.5	6.5	6.5	8	11.1	6.5	8	11.1
Max. height for use (mm)	-	-	44	51	61	44	52	61
RPM	11,000	11,000	15,000	15,000	15,000	14,000	14,000	14,000
Radius (mm)	83.5	83.5	70.3	76.7	84.8	80.3	86.7	94.8
RCF	11,296	11,296	17,684	19,294	21,331	17,596	18,998	20,773

AVAILABLE ANGLE ROTORS

Rotor								Aerosol-tight AXLOCK
	Fixed Angle rotor $\angle 45^\circ$ 18 x 1.5ml Radius(mm) : 72.8mm			Fixed Angle rotor $\angle 45^\circ$ 12 x 5ml Radius(mm) : 92.9mm	Fixed Angle Rotor $\angle 45^\circ$ 24 x 1.5ml Radius(mm) : 84.8			
Item	A181.5MS			A125M	AS241.5MX ¹⁾			
Tube								
Volume (ml)	0.2	0.5	1.5 / 2.0	5	0.2	0.5	1.5 / 2.0	
Adaptor / tube rack								
Item	F1.5A-0.2	F1.5A-0.5			F1.5A-0.2	F1.5A-0.5		
Number per rack / rotor	18	18	18	12	24	24	24	
Adaptor bore (mm)	6.5	8	11.1	17	6.5	8	11.1	
Max. height for use (mm)	43	51	61	67	44	51	61	
RPM	17,000	17,000	17,000	14,000	15,000	15,000	15,000	
Radius (mm)	58.3	64.6	72.8	92.9	70.3	76.7	84.8	
RCF	18,837	20,872	23,522	20,357	17,684	19,294	21,331	

- 1) AS241.5MX : certified for dynamic microbiological test(EN61010-020) by [TUV NORD](#)

AVAILABLE SWING ROTORS

Rotor				
	Swing Out Rotor 24 x 1.5ml Radius(mm) : 86.5			
Item	S61.5M			
Buket				
Item	B1.5			
Tube				
Volume (ml)	0.2	0.5	1.5 / 2.0	
Adaptor / tube rack				
Item	F1.5A-0.2	F1.5A-0.5		
Number per rack / rotor	4/24	4/24	4/24	
Adaptor bore (mm)	6.5	8	11.1	
Max. height for use (mm)	29	36	47	
RPM	13,000	13,000	13,000	
Radius (mm)	67	75	86.5	
RCF	12,659	14,171	16,343	

ORDER INFORMATION

	ITEM	DESCRIPTIONS
Main Body	PURISPIN 17R	PURISPIN 17R, refrigerated, without rotor, AC 230V \pm 10% 50/60Hz, EU Standard Plug
	PURISPIN 17R	PURISPIN 17R, refrigerated, without rotor, AC 120V \pm 10% 50/60Hz, EU Standard Plug
Angle Rotor	A480.2M	0.2ml x 48 fixed angle rotor for PCR strips (Max 11,000RPM)
	A241.5M	1.5/2.0ml x 24 fixed angle rotor(Max 15,000RPM)
	A301.5M	1.5/2.0ml x 30 fixed angle rotor(Max 14,000RPM)
	A181.5MS	1.5/2.0ml x 18 fixed angle rotor(Max 17,000RPM)
	A125M	5.0ml x 12 fixed angle rotor(Max 14,000RPM)
	AS241.5MX	1.5-2.0ml x 24 fixed aerosol-tightness angle rotorwith CRYSTE AXLOCK(15,000RPM)
Swing Rotor	S61.5M	6-wing swing rotor with 1.5/2.0ml x 4 rectangular buckets(Max 13,000RPM)

