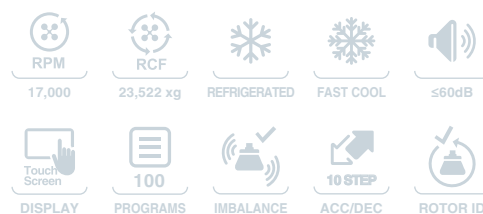




PURISPIN 17R MICRO CENTRIFUGE

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	
Available Rotor Quantity	7	
Power Supply	P17R-MB	AC 230V ± 10%, 50-60Hz, 1Phase
	P17R-MBT	AC 120V ± 10%, 50-60Hz, 1Phase
	P17R-MBJ	AC 100V ± 10%, 50-60Hz, 1Phase
Power Consumption	1,200W	
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

Minimum footprint in class ensures free space allocation on table

● Various Rotors

Most micro tubes can be used from PCR tubes to general micro tubes

● CRYSTE FLIP™ Touch Controller

- User-friendly 4.3" full color touch LCD controller helps to set the parameter at modern way
- All set points are visible at a glance and setting is easy
- Touch pad lock doesn't allow misuse during operation

● Silent Operation

Well-balanced motor minimized vibration, which leads to the most silent operation

● Ideal Security

Unauthorized access is prohibited through password

● Refrigerator and Fast Cool Function

- Pre-cooling before use is available so that user can minimize the risk of degradation of thermal sensitive samples
- 4°C at maximum speed is ensured

● Energy Saving

- Pre-set energy saving mode can help to reduce the electrical operating cost
- Unnecessary operation without the real-use can be controlled by Standby Mode and Eco Shut-off setting

● Drainage

Excessive condensation can be treated by drainage at the bottom of chamber

● ● ● ORDER INFORMATION





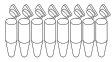










	ITEM	DESCRIPTIONS	ORDER CODE
Main Body	PURISPIN 17R	PURISPIN 17R, refrigerated, without rotor, 230V/50~60Hz	P17R-MB
	PURISPIN 17R	PURISPIN 17R, refrigerated, without rotor, 120V/50~60Hz	P17R-MBT
	PURISPIN 17R	PURISPIN 17R, refrigerated, without rotor, 100V/50~60Hz	P17R-MBJ
Angle Rotor	A480.2M	0.2ml x 48 fixed angle rotor for PCR strips (Max 11,000RPM)	P17R-AR1
	A241.5M	1.5/2.0ml x 24 fixed angle rotor(Max 15,000RPM)	P17R-AR2
	A301.5M	1.5/2.0ml x 30 fixed angle rotor(Max 14,000RPM)	P17R-AR3
	A181.5MS	1.5/2.0ml x 18 fixed angle rotor(Max 17,000RPM)	P17R-AR4
	A125M	5.0ml x 12 fixed angle rotor(Max 14,000RPM)	P17R-AR5
	AS241.5MX	1.5-2.0ml x 24 fixed aerosol-tightness angle rotor with CRYSTE AXLOCK(15,000RPM)	P17R-AR6
Swing Rotor	S61.5M	6-wing swing rotor with 1.5/2.0ml x 4 rectangular buckets(Max 13,000RPM)	P17R-SR1









●●● AVAILABLE ANGLE ROTORS

LAB.SAFETY












CENTRIFUGES

LAB.BASIC

Rotor								
	Fixed Angle Rotor $\angle 45^\circ$ 48 x 0.2ml Radius(mm) : 83.5		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	6.5	8	11
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

Rotor					
	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	
Item	A181.5MS			A125M	
Tube					
Volume (ml)	0.2	0.5	1.5 / 2.0	5	
Adaptor / tube rack					
Item	F1.5A-0.2	F1.5A-0.5			
Number per rack / rotor	18	18	18	12	
Adaptor bore (mm)	6.5	8	11	17	
Max. height for use (mm)	43	51	61	67	
RPM	17,000	17,000	17,000	14,000	
Radius (mm)	58.3	64.6	72.8	92.9	
RCF	18,837	20,872	23,522	20,357	

••• AVAILABLE ROTORS

Rotor						
	Fixed Angle Rotor $\angle 45^\circ$ 24 x 1.5ml Radius(mm) : 84.8			Swing Out Rotor 24 x 1.5ml Radius(mm) : 86.5		
Item	AS241.5MX ¹⁾			S61.5M		
Buket						
Item	B1.5					
Tube						
Volume (ml)	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	24	24	24	4/24	4/24	4/24
Adaptor bore (mm)	6.5	8	11.0	6.5	8	11
Max. height for use (mm)	43	51	61	29	36	47
RPM	15,000	15,000	15,000	13,000	13,000	13,000
Radius (mm)	70.3	76.7	84.8	67	75	86.5
RCF	17,684	19,294	21,331	12,659	14,171	16,343

• 1) AS241.5MX : certified for dynamic microbiological test(En61010-020) by [TUV NORD](#)