



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 48	1.5/2.0ml x 24
Accel / Decel phase		0 ~ 9 (10 Step)	
Set Temp.		-10℃ ~ +40℃ (1℃ 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℃ 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

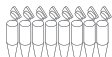
	ITEM	DESCRIPTIONS	ORDER CODE
Main Body	PURISPIN 17R	PURISPIN 17R, refrigerated, without rotor, 230V/50~60Hz	P17R-MB
	PURISPIN 17R	PURISPIN 17R, refrigerated, without rotor, 120V/50~60Hz	P17R-MBT
	PURISPIN 17R	PURISPIN 17R, refrigerated, without rotor, 100V/50~60Hz	P17R-MBJ
Angle Rotor	A480.2M	0.2ml x 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
	A481.5M	1.5/2.0ml x 48 fixed angle rotor(Max 13,000RPM)	P17R-AR4
	A181.5MS	1.5/2.0ml x 18 fixed angle rotor(Max 17,000RPM)	P17R-AR5
	A125M	5.0ml x 12 fixed angle rotor(Max 14,000RPM)	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 $\angle 45^\circ$ 48 x 1.5ml Radius(mm) : 94.8			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	A481.5M			A181.5MS			A125M	
Tube								
Volume (ml)	0.2	0.5	1.5 / 2.0	0.2	0.5	1.5 / 2.0	5	
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	48	48	18	18	18	12	
Adaptor bore (mm)	6.5	8	11	6.5	8	11	17	
Max. height for use (mm)	In 51 Out 44	In 62 Out 54	In 70 Out 61	43	51	61	67	
RPM	13,000	13,000	13,000	17,000	17,000	17,000	14,000	
Radius (mm)	In 70.3 Out 80.3	In 76.7 Out 86.7	In 84.8 Out 94.8	58.3	64.6	72.8	92.9	
RCF	In 13,283 Out 15,172	In 14,492 Out 16,381	In 16,022 Out 17,912	18,837	20,872	23,522	20,357	

●●● 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
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