



## PURISPIN 17R

Refrigerated micro centrifuge with compact design and easy operation

### STANDARD SPECIFICATION



Description	PURISPIN 17R	
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(A)	
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 Touchscreen	
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	AC 230V ± 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	
Cat. No.	CS-C-M17R-MB	
Optional Power (115V,50-60Hz)	CS-C-M17R-MB_V1	
For Eco(lower GWP)	CS-C-M17R-MB_R1	

**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.



**CRYSTE FLIP**  
Touch Controller



Biocontainment  
Accessory Package



Energy Saving



**CRYSTE AXLOCK**  
Rotor



Refrigeration &  
Fast Cooling



Silent Operation



Fast acceleration/  
deceleration time


















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



AC Induction motor  
(brushless)

**AVAILABLE ANGLE ROTORS**








Rotor	A480.2M		A241.5M			A301.5M		
								
	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		
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	A181.5MS			A125M	AS241.5MX <sup>1)</sup>		
							
	Fixed Angle rotor $\angle 45^\circ$ 18 x 1.5ml Radius(mm) : 72.8			Fixed Angle rotor $\angle 45^\circ$ 12 x 5ml Radius(mm) : 92.9	Fixed Angle Rotor $\angle 45^\circ$ 24 x 1.5ml Radius(mm) : 84.8		
					Aerosol-tight AXLLOCK		
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	S61.5M		
			
	Swing Out Rotor 24 x 1.5ml Radius(mm) : 86.5		
Bucket			
Item (Included)	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	Cat. No.
Main Body	PURISPIN 17R 230V±10%, 50-60Hz, 1Phase, Eu Plug, 306x463x373mm, 30Kg	CSC-M17R-MB
	PURISPIN 17R 115V±10%, 50-60Hz, 1Phase, NEMA 5-15P C13 Plug, 306x463x373mm, 30Kg	CSC-M17R-MB_V1
	PURISPIN 17R 230V±10%, 50-60Hz, 1Phase, Eu Plug, 306x463x373mm, 30Kg, including Eco (lower GWP) refrigerant	CSC-M17R-MB_R1
Angle Rotor	A480.2M 0.2ml x 48 fixed angle rotor for PCR strips (Max 11,000RPM)	CSC-M10010
	A241.5M 1.5-2.0ml x 24 fixed angle rotor (Max 18,000RPM in PURISPIN (L)18R / 15,000RPM in PURISPIN (L)17R)	CSC-M10020
	AS241.5MX 1.5-2.0ml x 24 fixed aerosol-tightness angle rotor (Axlock, ≤18,000RPM in P18R/≤15,000RPM in P17R)	CSC-M10031
	A301.5M 1.5-2.0ml x 30 fixed angle rotor (Max 14,000RPM)	CSC-M10040
	A125M 5.0ml x 12 fixed angle rotor (Max 14,000RPM)	CSC-M10050
	A181.5MS 1.5-2.0ml x 18 fixed angle rotor (Max 17,000RPM)	CSC-M10060
Swing Rotor	S61.5M 6-wing swing rotor with 'built-in 4-place rack for 1.5/2.0ml' x 6 (Max 13,000RPM)	CSC-M20010

