

**MULTI
CENTRIFUGE
VARISPIN 15**



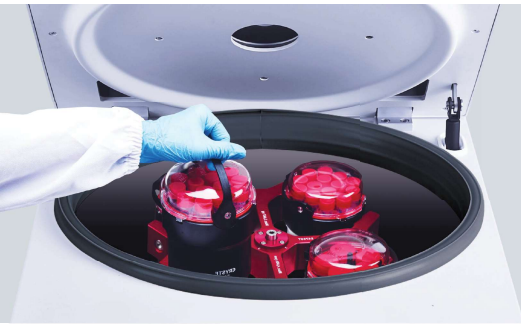
Multi purpose centrifuge with large capacity and a variety of rotor options

STANDARD SPECIFICATION



Max. RPM	15,000RPM(Angle Rotor)	4,000RPM(Swing Rotor)
Max. RCF	23,847 xg	3,667 xg
Max. Capacity	85ml x 6	750ml x 4
Accel / Decel phase	0 ~ 9 (10 Step)	
Noise Level	≤60dB	
Set Time	99 hour 59 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 15,000 rpm	
Display message on screen	RPM, RCF, Time, Door open/close, ACC, DEC, Rotor ID, Program, key lock	
Available Rotor Quantity	15	
Power Supply	V15-MB	AC 230V ± 10%, 50-60Hz, 1Phase
Power Consumption	1,5KW	
Dimension(W x D x H)	546 x 684 x 379 mm (H:915mm with open lid)	
Weight (without rotor)	70kg	

MAIN FEATURE



Biocontainment Accessory Package Option

It protects the safety of experimenters by isolating aerosols containing infectious factors such as pathogenic microorganisms. It is certified by TUV NORD in compliance with IEC61010-2-020:2016 Annex AA.



GRYSTE FLIP
Touch Controller
























Various Tube Available















Wide Range of Application





AVAILABLE ANGLE ROTORS

Rotor	 Fixed Angle Rotor 445° 48 x 0.2ml Radius(mm) : 83.5		 Fixed Angle Rotor 445° 30 x 1.5ml Radius(mm) : 94.8			 Fixed Angle Rotor 445° 30 x 1.5ml Radius(mm) : 94.8 Aerosol-tight AXLOCK			 Fixed Angle Rotor 445° 48 x 1.5ml Radius(mm) : 94.8		
Item	A480.2T		A301.5T			AS301.5TX ¹⁾			A481.5T		
Tube											
Volume (ml)	0.2	0.2ml Strips	0.2	0.5	1.5 / 2.0	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		F1.5A-0.2	F1.5A-0.5	
Number per rack / rotor	48	6	30	30	30	30	30	30	48	48	48
Adaptor bore (mm)	6.5	6.5	6.5	8	11.1	6.5	8	11.1	6.5	8	11.1
Max. height for use (mm)	-	-	44	52	61	44	52	61	In 51 Out 44	In 62 Out 54	In 70 Out 61
RPM	12,000	12,000	15,000	15,000	15,000	15,000	15,000	15,000	13,000	13,000	13,000
Radius (mm)	83.5	83.5	80.3	86.7	94.8	80.3	86.7	94.8	In 70.3 Out 80.3	In 76.7 Out 86.7	In 84.8 Out 94.8
RCF	13,443	13,443	20,199	21,809	23,847	20,199	21,809	23,847	In 13,283 Out 15,172	In 14,492 Out 16,381	In 16,022 Out 17,912

• 1) This rotor is not externally certified and have only been self-tested for bioseal sealing.







AVAILABLE ANGLE ROTORS

Rotor	 Fixed Angle Rotor $\angle 28^\circ$ 12 x 15ml Radius(mm) : 97.1	 Fixed Angle Rotor $\angle 25^\circ$ 12 x 15ml Conical Radius(mm) : 100.9	 Fixed Angle Rotor $\angle 30^\circ$ 6 x 50ml Radius(mm) : 99.9	 Fixed Angle Rotor $\angle 25^\circ$ 6 x 50ml Conical Radius(mm) : 95.7		
Item	A1215T	A1215TC	A650T	A650TC		
Tube			 	 		
Volume (ml)	15(16)	15 Conical	15 Conical	50	15 Conical	50 Conical
Adaptor / tube rack						
Item			F50A-15C	F50CA-15C		
Number per rack / rotor	12	12	6	6	6	6
Adaptor bore (mm)	18	17	17	29.5	17	30
Max. height for use (mm)	117	129	122	120	124	121
RPM	12,000	13,000	12,000	12,000	13,000	13,000
Radius (mm)	97.1	100.9	94.3	99.9	91.3	95.7
RCF	15,632	19,064	15,182	16,083	17,250	18,082

Rotor	 Fixed Angle Rotor $\angle 30^\circ$ 8 x 50ml Radius(mm) : 103.4	 Fixed Angle Rotor $\angle 25^\circ$ 6 x 85ml Radius(mm) : 99.8	 Fixed Angle Rotor $\angle 25^\circ$ Aerosol-tight 6 x 85ml Radius(mm) : 99.8								
Item	A850T	A685T	AS685TX ²⁾	A4250T							
Tube	  	  	   								
Volume (ml)	15 Conical	50	15 Conical	50 Conical	50	85	15 Conical	50 Conical	50	85	250
Adaptor / tube rack		  	  								
Item	F50A-15C	F85A-15C	F85A-50C	F85A-50	F85A-15C	F85A-50C	F85A-50				
Number per rack / rotor	8	8	6	6	6	6	6	6	6	6	4
Adaptor bore (mm)	17	29.5	17	30	29	39	17	30	29	39	62.0
Max. height for use (mm)	123	120	123	122	118	118	123	122	118	118	123
RPM	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	8,000
Radius (mm)	97.8	103.4	90.7	94.8	95.3	99.8	90.7	94.8	95.3	99.8	128.3
RCF	15,745	16,647	14,602	15,262	15,343	16,067	14,602	15,262	15,343	16,067	9,180

• 2) This rotor is not externally certified and have only been self-tested for bioseal sealing.

AVAILABLE SWING ROTORS

S4750T	B750	BS750 ⁴⁾								B500	BW750	
												
												
												
Capacity (ml)	3	5	10	15	15 Conical	50	50 Conical	250	750	500	MTP	DWP
Number per rack / rotor	24/96	24/96	19/76	19/76	14/56	7/28	5/20	1/4	1/4	1/4	4/16	1/4
Adaptor bore (mm)	13.2	13.2	16	17.2	17	29.5	29.5	62.5	-	70	-	-
Max. height for use (mm)	136	136	136	136	134	136	140	161	143	165	-	-
RPM	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Radius (mm)	198	198	198	198	196	198	202	205	205	213	170	170
RCF	3,542	3,542	3,542	3,542	3,506	3,542	3,613	3,667	3,667	3,810	3,041	3,041

• 4) BS750 : certified for dynamic microbiological test(EN61010-020) by [TUV NORD](#)

ORDER INFORMATION

	ITEM	DESCRIPTIONS
Main Body	VARISPIN 15	VARISPIN 15, without rotor, AC 230V ±10% 50/60Hz, EU Standard Plug
Angle Rotor	A480.2T	0,2ml x 48 fixed angle rotor for PCR tubes(x6 PCR strips) (Max 12,000RPM)
	A301.5T	1.5/2.0ml x 30 fixed angle rotor (Max 15,000RPM)
	AS301.5TX	1.5-2.0ml x 30 fixed aerosol-tightness angle rotor with AXLOCK rotor(15,000RPM)
	A481.5T	1.5/2.0ml x 48 fixed angle rotor (Max 13,000RPM)
	A1215T	15ml x 12 fixed angle rotor (Max 12,000RPM)
	A1215TC	15ml x 12 fixed angle rotor for conical tubes (Max 13,000RPM)
	A650T	50ml x 6 fixed angle rotor (Max 12,000RPM)
	A650TC	50ml x 6 fixed angle rotor for conical tubes (Max 13,000RPM)
	A850T	50ml x 8 fixed angle rotor (Max 12,000RPM)
	A685T	85ml x 6 fixed angle rotor (Max 12,000RPM)
	AS685TX	85ml x 6 fixed aerosol-tightness angle rotor with AXLOCK rotor(12,000RPM)
	A4250T	250ml x 4 fixed angle rotor (Max 8,000RPM)
Swing Rotor	S4250TE	250ml x 4-wing swing rotor for rectangular/micro plate buckets (Max 4,000RPM)
	S4250T	250ml x 4-wing swing rotor for round buckets (Max 4,000RPM)
	S4750T	750ml x 4-wing swing rotor for round buckets / micro plate buckets (Max 4,000RPM)