

SA-300VLA is designed for Lab and Research Centers. The most important feature is a temperature Sensor for more precise liquid temperature control. It also has piped water supply and auto water fill.

SA-300VL is suitable for Lab and Research Centers. It is upright systems and contains enough vertical space for two baskets.

SA-300VLA/SA-300VL

SA-300VLA

Features:

- Digital temperature control
- Graduated sterilization timer
- Liquid temperature sensor for more precise liquid temperature control
- Auto water fill (piped-in)

Model	SA-300VLA
Chamber capacity (Liter)	50
Sterilization Temp (° C)	105 - 136
Control system	Digital temp PID control
Sterilization Time	0 - 60 minutes
Life time	7 years



Liquid temperature sensor for more precise liquid temperature control



SA-300VLA

SA-300VL

Features:

- Pressure Overload Protection
- Overheat Protection
- Door Safety Mechanisms

Model	SA-300VL
Chamber capacity (Liter)	50
Sterilization Temp (° C)	105 - 136
Control system	Digital temp PID control
Sterilization Time	0 - 60 minutes
Life time	7 years



SA-300VL

SA-300VFA is engineered with Microprocessor Technology, providing advanced features for more sophisticated chamber sensors, user interfaces and warning, alert systems.

SA-300VF is designed with traditional mechanical engineering for customers who are accustomed to and prefer straightforward autoclaves with time-tested quality and durability that is both economical and practical. It has a rotating door lever that laterally slides away for safety.

SA-300VFA/SA-300VF

Super Falcon Series SA-300VFA

Features:

- Program selector
- Pressure overload protection
- Overheat protection
- Pressure auto door lock
- Emergency/reset buttons
- Liquid sterilization program
- Auto water fill (piped-in)

Model	SA-300VFA
Chamber capacity (Liter)	50
Sterilization Temp (° C)	121 and 134
Control system	Microprocessor
Dry time	30 minutes
Life time	7 years



SA-300VFA



Falcon Series SA-300VF

Features:

- Graduated sterilization timer
- Mechanical pressure control system
- Pressure overload protection
- Overheat protection
- Emergency button

Model	SA-300VF
Chamber capacity (Liter)	50
Sterilization Temp (° C)	118 - 134
Control system	Mechanical engineering
Sterilization Time	0 - 60 minutes
Dry time	0 - 60 minutes
Life time	7 years
Options	Liquid



SA-300VF





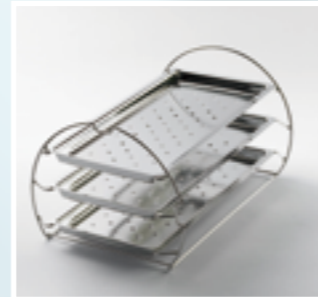
Double Baskets
n/a for smaller upright models



Single Basket
16/50L



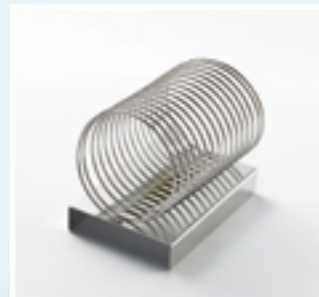
Water Bottle, Silicone Tube, Clips
Stainless Steel Tube also available



Tray Set
10/16/24/40L



Box
10/16/24/40L



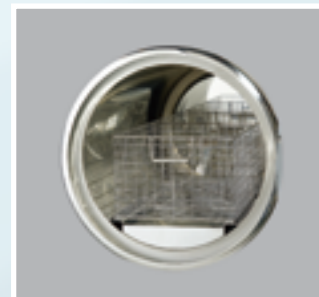
Pouch Holder
97(w) x 122 (h) x 148 (d)



Basket
16/24/40L



Tray Set(MB)



Basket



Plate Set



Optional Trolley



Distiller



Cham-mate

Accessories



Model No.	Chamber Capacity (L)	Chamber Size Diam x Depth (mm)	Overall Dimensions W x H x D (mm)	Voltage	Current(A) Power(W)	Heater (W)	Dry Heater (W)
Super Deluxe Series							
SA-260MB	24	260 x 450	533 x 442 x 655	230V	12A / 2700W	1800W	870W
Super Microm Series							
SA-230MA	16	230 x 410	522 x 410 x 594	230V	9A / 2026W	1400W	526W
SA-260MA	24	260 x 450	533 x 442 x 655	230V	13A / 2770W	1800W	870W
SA-300MA	40	300 x 570	620 x 489 x 766	230V	14A / 3226W	2300W	826W
SA-300VMA	50	300 x 710	600 x 980 x 450	230V	14A / 3000W	2300W	600W
SuperFalcon Series							
SA-230FA	16	230 x 410	522 x 410 x 594	230V	9A / 1926W	1400W	526W
SA-260FA	24	260 x 450	533 x 442 x 655	230V	12A / 2670W	1800W	870W
SA-300VFA	50	300 x 710	600 x 980 x 450	230V	13A / 2900W	2300W	600W
Falcon Series							
SA-252F	24	260 x 450	540 x 450 x 630	230V	9A / 2063W	1800W	263W
SA-300H	40	300 x 570	600 x 470 x 740	230V	12A / 2735W	2300W	435W
SA-300VF	50	300 x 710	600 x 1090 x 450	230V	13A / 2900W	2300W	600W
Poleax Plus Series							
SA-232N	16	230 x 410	501 x 406 x 537	230V	7A / 1400W	1400W	
SA-252N	24	260 x 450	540 x 450 x 630	230V	9A / 1800W	1800W	
SA-300N	40	300 x 570	600 x 470 x 740	230V	12A / 2300W	2300W	
Poleax Series							
SA-230	16	230 x 410	335 x 430 x 510	230V	7A / 1400W	1400W	
SA-232	16	230 x 410	335 x 430 x 510	230V	7A / 1400W	1400W	
				110V	11A / 1200W	1200W	
SA-232X	16	230 x 410	501 x 406 x 537	230V	7A / 1400W	1400W	
				110V	11A / 1200W	1200W	
SA-232V	16	230 x 410	382 x 614 x 398	230V	5.3A / 1200W	1200W	
Lab Series							
SA-300VL	50	300 x 710	600 x 1090 x 450	230V	10A / 2300W	2300W	
SA-300VLA	50	300 x 710	600 x 980 x 450	230V	10A / 2300W	2300W	

Model No.	Net Weight (Kg)	Water Fill ¹	Type	Water Tank Capacity (cc)	Water Consumption per cycle (cc)
Super Deluxe Series					
SA-260MB	57	Tank/Piped	Tabletop	4200	1270
Super Microm Series					
SA-230MA	44	Tank	Tabletop	4200	200~450
SA-260MA	54	Tank	Tabletop	4200	280~350
SA-300MA	77	Tank	Tabletop	8400	1000~1200
SA-300VMA	84	Piped	Vertical	N/A	1000~1200
SuperFalcon Series					
SA-230FA	43	Tank	Tabletop	4200	200~350
SA-260FA	51	Tank	Tabletop	4200	200~350
SA-300VFA	81	Piped	Vertical	N/A	1000~1200
Falcon Series					
SA-252F	45	Tank-Man	Tabletop	4200	410~530
SA-300H	66	Tank-Man	Tabletop	8400	320~550
SA-300VF	72	Manual	Vertical	N/A	1000~1200
Poleax Plus Series					
SA-232N	30	Tank-Man	Tabletop	4200	650~750
SA-252N	45	Tank-Man	Tabletop	4200	750~900
SA-300N	66	Tank-Man	Tabletop	8400	900~1200
Poleax Series					
SA-230	15.5	Manual	Tabletop	N/A	450~550
SA-232	15.5	Manual	Tabletop	N/A	350~450
SA-232X	30	Tank-Man	Tabletop	4200	350~450
SA-232V	23.5	Manual	Vertical	N/A	350~450
Lab Series					
SA-300VL	72	Manual	Vertical	N/A	1000~1200
SA-300VLA	77	Piped	Vertical	N/A	1000~1200

¹-"Tank" - Internal Water Tank with auto-chamber-fill, "Piped" - uses local water plumbing with auto-fill.

- "Manual" - must add water manually for each session.

- "Tank-Man" Contains Water Tank but still requires knob to be manually turned on/off to fill chamber.

- Chamber and Door material Stainless Steel #304 (#316 is optional)

- Frequency: 50/60Hz

- Standard Accessories for SA-232/232X, SA-252F/300H, SA-230/260FA, SA-230/260MA: Heater Cover / Sterilization Box

- Optional Accessories are Tray set / Pouch Rack

- Standard Accessoris for SA-232V: Heater Cover / Sterilization Basket / Exhaust Hose

- Standard Accessoris for SA-300V Series: Heater Cover / Sterilization Basket*2 / Exhaust Hose / 2000cc Bottle / Clip

Comparison Charts Tabletop / Vertical

Model No.	Temperature (°C) Options	Temperature Indicator	Pressure Indicator	Progress Indicator ⁴	Power Indicator	Pressure Auto Lock	Door Closed Indicator	Low Water Indicator	Reset	Program Selector	Prion Preset	Bowie Dick Test	Pump Test	Selectable Sterilization Timer	Error Indicator	Pre-Vacuum	Post Dry Vacuum	Dry Selection	Redry	Liquid	Liquid Temp Control and Sensor	Data Recorder
Super Deluxe Series																						
SA-260MB	121 or 134 105~134	LCD	Gauge/LCD Display	S	S	S	S	S	S	S	S	S	S		S	S	S	S	S	O		S
Super Microm Series																						
SA-230MA	121 or 134	LED	Gauge	S	S	S	S	S	S	S	S	S	S		S	S	S	0,15,30,35,40 min	S	O		O
SA-260MA	121 or 134	LED	Gauge	S	S	S	S	S	S	S	S	S	S		S	S	S	0,15,30,35,40 min	S	O		O
SA-300MA	121 or 134	LED	Gauge	S	S	S	S	S	S	S	S	S	S		S	S	S	0,15,30,35,40 min	S	O		O
SA-300VMA	121 or 134	LED	Gauge	S	S	S	S	S	S	S	S	S	S		S	S	S	0,15,30,35,40 min	O	S		O
SuperFalcon Series																						
SA-230FA	121 or 134		Gauge	S	S	S	S	S	S	S					S ⁵			30 min	S	O		O
SA-260FA	121 or 134		Gauge	S	S	S	S	S	S	S					S ⁵			30 min	S	O		O
SA-300VFA	121 or 134		Gauge	S	S	S	S	S	S	S					S ⁵			30 min	O	S		O
Falcon Series																						
SA-252F	118 - 134	Gauge	Gauge ¹	S	S	S								0-60 min	S ⁵			0-60 min		O		
SA-300H	118 - 134	Gauge	Gauge ¹	S	S	O								0-60 min	S ⁵			0-60 min		O		
SA-300VF	118 - 134	Gauge	Gauge ¹	S	S									0-60 min	S ⁵			0-60 min		O		
Poleax Plus Series																						
SA-232N	121 or 134	LCD	Gauge ¹	S	S	S	S			S					S							S
SA-252N	121 or 134	LCD	Gauge ¹	S	S	S	S			S					S							S
SA-300N	121 or 134	LCD	Gauge ¹	S	S	S	S			S					S							S
Poleax Series																						
SA-230	126	Gauge	Gauge ¹		S									0-60 min								
SA-232	126	Gauge	Gauge ¹	S	S					S				18,33 min						S		
SA-232X	118 - 134	Gauge	Gauge ¹	S	S	O				S				4,15,30 min						S		
SA-232V	118 - 134	Gauge	Gauge ¹	S	S					S				4,15,30 min						S		
Lab Series																						
SA-300VL	105 - 136	LED	Gauge	S	S									0-60 min						S		
SA-300VLA	105 - 136	LED	Gauge	S	S	S								0-60 min						S	S	

S - Standard O - Optional
 1 - Pressure & Temperature indicated on same gauge
 4 - Progress bar or Progress lights
 5 - Excessive Temperature / Pressure Alarm