

The autoclaves are constructed with both Microprocessor and Traditional Mechanical designs except SA-230. They offer advantages such as power conservation, water conservation and reduced maintenance due to less parts. Control panels are designed with simple controls for basic sterilization tasks.

## SA-230/SA-232/SA-232X/232V

**Features:**

- EZ Control panel
- EZ maintenance
- Overheat protection
- Pressure overload protection
- Door safety latch (SA-232X only)
- Pressure safety valve

Model	SA-230	SA-232	SA-232X	SA-232V
Chamber capacity (Liter)	16	16	16	16
Sterilization Temp (° C)	126	126	118-134	118-134
Control system	Mechanical		Microprocessor	
Life time	7 years			



Vertical autoclaves are suitable for instruments such as flasks, frequently used in Lab and Research centers. SA-300VMA is designed with microprocessor control to ensure accurate temperature regulation during sterilization. The most main feature is a powerful vacuum pump for thorough inside-out sterilization of tubal instruments.

## SA-300VMA

**Features:**

- Pre & post vacuum
- B.D. & Pump test diagnostics
- Prion preset program
- Auto water fill (piped-in)
- Pressure overload protection
- Overheat protection
- Pressure auto door lock
- Emergency/reset buttons
- Pressure safety valve
- Liquid sterilization program

Model	SA-300VMA
Chamber capacity (Liter)	50
Sterilization Temp (° C)	121 and 134
Control system	Microprocessor
Dry time	0/ 15 / 30 / 35 / 40 minutes
Life time	7 years



SA-300VMA

SA-232/232X



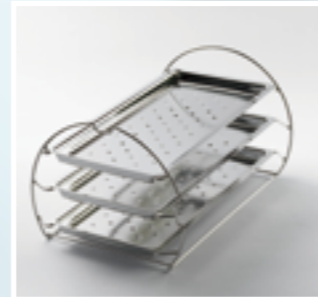
**Double Baskets**  
n/a for smaller upright models



**Single Basket**  
16/50L



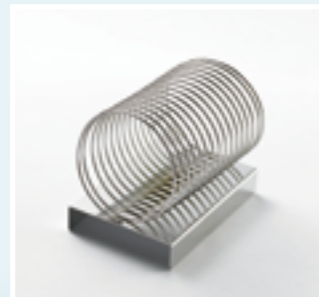
**Water Bottle, Silicone Tube, Clips**  
Stainless Steel Tube also available



**Tray Set**  
10/16/24/40L



**Box**  
10/16/24/40L



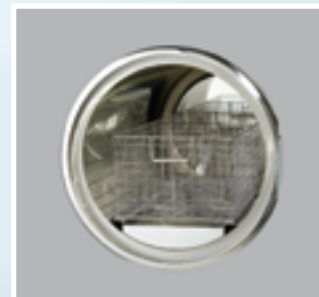
**Pouch Holder**  
97(w) x 122 (h) x 148 (d)



**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)
<b>Super Deluxe Series</b>							
SA-260MB	24	260 x 450	533 x 442 x 655	230V	12A / 2700W	1800W	870W
<b>Super Microm Series</b>							
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
<b>SuperFalcon Series</b>							
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
<b>Falcon Series</b>							
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
<b>Poleax Plus Series</b>							
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	
<b>Poleax Series</b>							
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	
<b>Lab Series</b>							
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 <sup>1</sup>	Type	Water Tank Capacity (cc)	Water Consumption per cycle (cc)
<b>Super Deluxe Series</b>					
SA-260MB	57	Tank/Piped	Tabletop	4200	1270
<b>Super Microm Series</b>					
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
<b>SuperFalcon Series</b>					
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
<b>Falcon Series</b>					
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
<b>Poleax Plus Series</b>					
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
<b>Poleax Series</b>					
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
<b>Lab Series</b>					
SA-300VL	72	Manual	Vertical	N/A	1000~1200
SA-300VLA	77	Piped	Vertical	N/A	1000~1200

<sup>1</sup>-"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 <sup>4</sup>	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
<b>Super Deluxe Series</b>																						
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
<b>Super Microm Series</b>																						
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
<b>SuperFalcon Series</b>																						
SA-230FA	121 or 134		Gauge	S	S	S	S	S	S	S					S <sup>5</sup>			30 min	S	O		O
SA-260FA	121 or 134		Gauge	S	S	S	S	S	S	S					S <sup>5</sup>			30 min	S	O		O
SA-300VFA	121 or 134		Gauge	S	S	S	S	S	S	S					S <sup>5</sup>			30 min	O	S		O
<b>Falcon Series</b>																						
SA-252F	118 - 134	Gauge	Gauge <sup>1</sup>	S	S	S								0-60 min	S <sup>5</sup>			0-60 min		O		
SA-300H	118 - 134	Gauge	Gauge <sup>1</sup>	S	S	O								0-60 min	S <sup>5</sup>			0-60 min		O		
SA-300VF	118 - 134	Gauge	Gauge <sup>1</sup>	S	S									0-60 min	S <sup>5</sup>			0-60 min		O		
<b>Poleax Plus Series</b>																						
SA-232N	121 or 134	LCD	Gauge <sup>1</sup>	S	S	S	S			S					S							S
SA-252N	121 or 134	LCD	Gauge <sup>1</sup>	S	S	S	S			S					S							S
SA-300N	121 or 134	LCD	Gauge <sup>1</sup>	S	S	S	S			S					S							S
<b>Poleax Series</b>																						
SA-230	126	Gauge	Gauge <sup>1</sup>		S									0-60 min								
SA-232	126	Gauge	Gauge <sup>1</sup>	S	S					S				18,33 min						S		
SA-232X	118 - 134	Gauge	Gauge <sup>1</sup>	S	S	O				S				4,15,30 min						S		
SA-232V	118 - 134	Gauge	Gauge <sup>1</sup>	S	S					S				4,15,30 min						S		
<b>Lab Series</b>																						
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