

Autoclave

Super Falcon Series

The autoclaves are engineered with Microprocessor Technology, providing advanced features for more sophisticated chamber sensors, user interfaces and warning and alert systems. They are designed for Wrapped, Solid and optional Liquid sterilization. The straightforward control panel is especially designed for staff from all types of backgrounds and experience levels, increasing efficiency and minimizing user error, while still providing enough functionality to get the job done.



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Features

- Easy Program Selector
- Pressure overload protection
- Overheat protection
- Pressure auto door lock
- Emergency/reset buttons
- Auto water fill
- Chamber volume: 16L / 24 L / 50L



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SA-230/260FA External View

A Pressure Gauge



B The yellow mark is full water level.



C Easy Door Knob



D Optional Recorder



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SA-300VFA External View

A Door Handle



B Pressure Gauge



C Caster With Total Lock

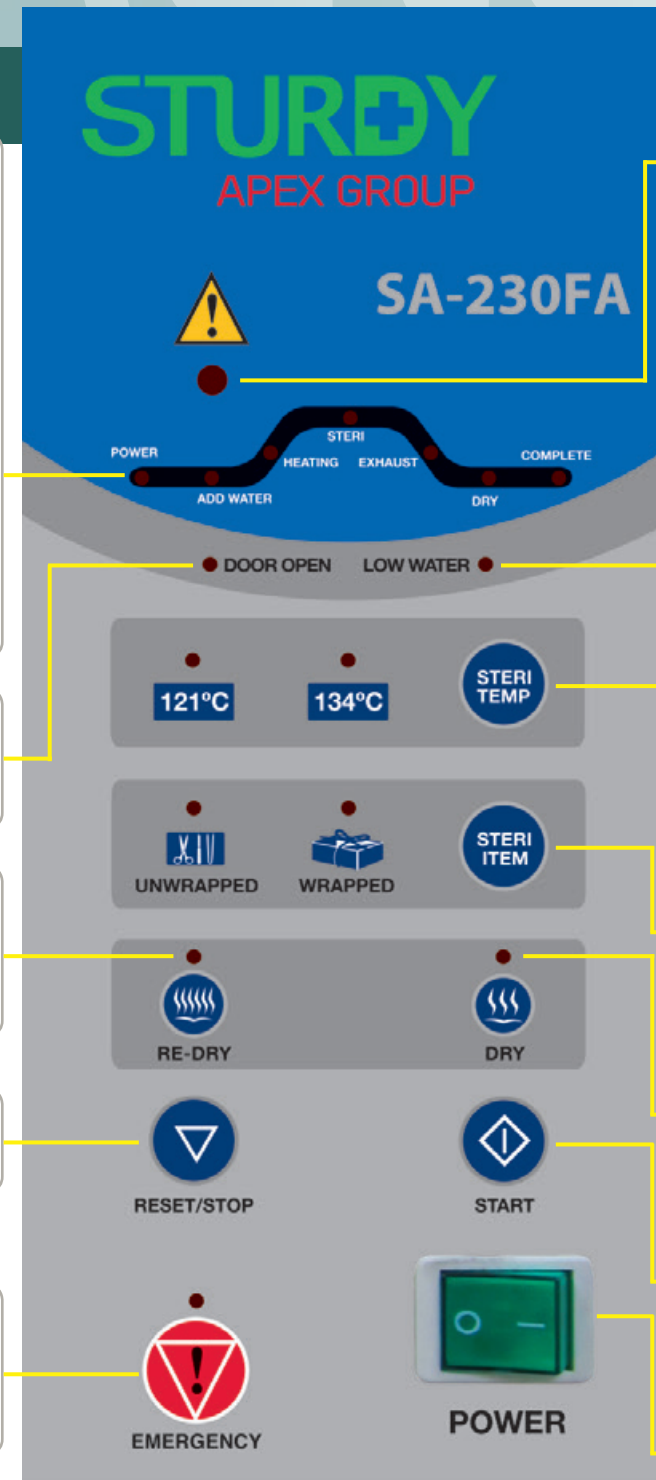


Reliable Sterilization Partner

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SA-230FA / 260FA / 300VFA Control Panel



Process Status Indicator
Individual LED light to indicate the current status of the sterilization program.

- Vacuum
- Add Water
- Heating
- Sterilization
- Exhaust – pressure release and water drain
- Dry
- Complete

Door Open Indicator Light
Indicates the chamber door is open or not closed fully.

Re-Dry Button
Select Re-Dry Program for 10 min. The light will illuminate when selected.

Reset Button
Reset program while running.

Emergency Stop Button
Stop program and release pressure/vacuum. (Press for more than 3 seconds.)

Visual Alarm Indicator Light
Indicates over-temperature or over-pressure in the chamber

Low Water Indicator Light
Indicates the water level is below the minimum level or the program has been unable to add sufficient water after 5 minutes.

Sterilization Temperature Button
Select the required sterilization temperature of 121°C or 134°C. The selected temperature light will illuminate.

Sterilization Item Button
Select between unwrapped or wrapped items. The selected item light will illuminate.

Dry Timer Button
Select a 30-minute drying time. The light will illuminate when selected.

Start Button
Start the selected Program.

Power Switch
ON/OFF switch and power indicator (Illuminates when ON)

You can choose Liquid function.

Optional by order request
• Liquid Button: elect Liquid Sterilization Program. The light will illuminate when selected.

SA-300VFA: Liquid sterilization is standard function.

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Certifications

Sturdy is manufactured in compliance with the following directives and standards:

- 93/42/EEC
- Class IIB (European Directive for Medical Devices)
- 2014/68/EU (Pressure Equipment Directive)
- EN 285 (Large Steam Sterilizers),
- EN 13060 (Small Steam Sterilizers)
- EN 61010-1/-2-040 (Safety Requirements for Electrical Equipment for Measurement Control And Laboratory Use – Part 1 and Part 2)
- EN 61326-1 (Electrical Equipment for Measurement Control And Laboratory Use – EMC Requirements – Part 1: General Requirements)
- ISO 13485 (Quality Management/Certification)

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Specifications

SPEC/Model NO.	SA-230FA	SA-260FA	SA-300VFA
Class N Model (+ Recorder)	SA-230FA-R	SA-260FA-R	SA-300VFA-R
Chamber Capacity (L)	16	24	50
Chamber Size Diam x Depth (mm)	230 x 410	260 x 450	300 x 710
Overall Dimensions W x H x D (mm)	522 x 410 x 594	533 x 442 x 655	600 x 980 x 450
Voltage (V)	230	230	230
Current(A) / Power(W)	9A / 1926W	12A / 2670W	13A / 2900W
Heater (W)	1400	1800	2300
Dry Heater (W)	526	870	600
Net Weight (Kg)	43	51	81
Water Fill*	Tank	Tank	Piped
Type	Tabletop	Tabletop	Vertical
Water Tank Capacity (cc)	4200	4200	N/A
Water Consumption per cycle (cc)	200~450	200~350	700~900

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

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Specifications

SPEC/Model NO.	SA-230FA	SA-260FA	SA-300VFA
Temperature Options (°C)		121 or 134	
Prion		N/A	
Bowie Dick Test		N/A	
Pump Test		N/A	
Sterilization Timer		N/A	
Dry Timer		30 min.	
Redry	S	S	0
Data Recorder		0	
Liquid	0	0	S
Temperature Indicator		N/A	
Pressure Indicator		Gauge	
Progress Indicator (bar or lights)		S	
Power Indicator		S	
Pressure Auto Lock		S	
Door Closed Indicator		S	
Low Water Indicator		S	
Reset		S	
Program Selector		S	
Error Indicator		S	
Pre-Vacuum		N/A	
Post Dry Vacuum		N/A	

Note: "S" - Standard configuration. "0" - Optional configuration.