

# Autoclave

## Poleax Plus Series

The Poleax Plus Series are designed for sterilization of unwrapped materials in hospitals and clinics. They are easy to install – just plug into a power source, add water and start sterilizing. Simple operation and easy maintenance. Comply with EN13060 Class N.



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## Poleax Plus Series

### Features

- Class N
- Digital sterilization cycle recorder (SD & USB)
- Overheat protection
- Pressure overload protection
- Pressure safety valve
- Pressure auto door lock
- Micro switch door lock
- Chamber volume: 16 L / 24L / 40L
- Without drying function



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## Poleax Plus Series

SA-232N/252N/300N External View

A Pressure Gauge



B Filling / Draining Water Valve



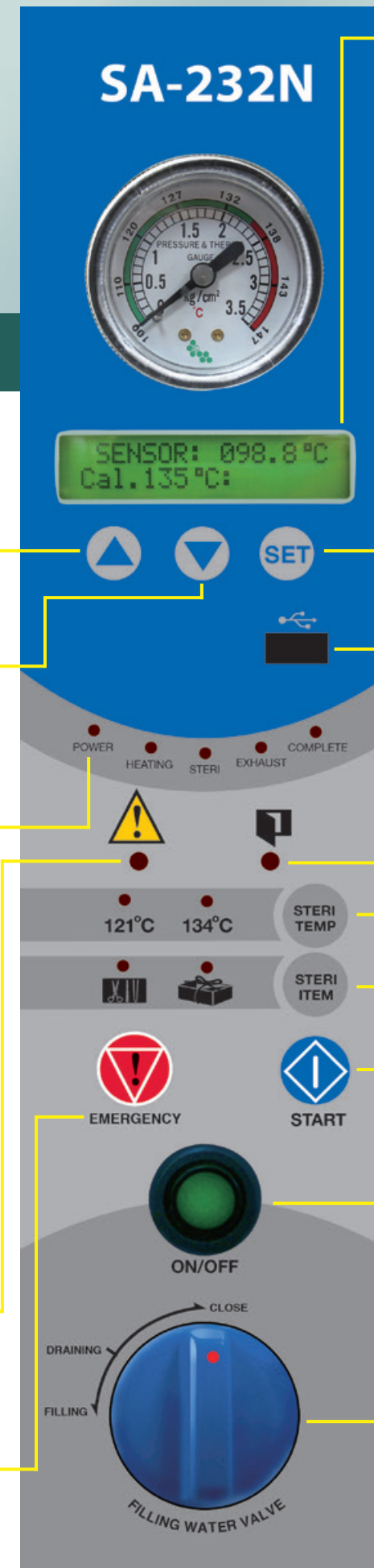
C Door Knob



Reliable Sterilization Partner

# Poleax Plus Series

SA-232N/252N/300N Control Panel



**▲ Increase button**  
1) to move cursor backward  
2) to advance digits

**▼ Decrease button**  
1) to move cursor forward  
2) to decrease digits

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

- program.
- Power
- Heating
- Sterilization
- Exhaust – pressure release
- Complete

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

**Emergency Stop Button**  
Stop program and release pressure.

**LCD:**  
1) Display date and time  
2) Display chamber temperature  
3) Recording status

**SET Button**  
1) to set the parameter  
2) to confirm adjustment

**USB port**

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

**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.

**Start Button**  
Start the selected Program.

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

**Filling / Draining Water Valve**  
**Filling :** Water flows from the water reservoir into the chamber.  
**Draining:** Exhausts the steam from the chamber into the water reservoir after the sterilization cycle is finished.

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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-232N	SA-252N	SA-300N
Chamber Capacity (L)	16	24	40
Chamber Size Diam x Depth (mm)	230 x 410	260 x 450	300 x 570
Overall Dimensions W x H x D (mm)	501 x 406 x 537	540 x 450 x 630	600 x 470 x 740
Voltage (V)	230		
Current(A) / Power(W)	7A / 1400W	9A / 1800W	12A / 2300W
Heater (W)	1400	1800	2300
Dry Heater (W)	N/A		
Net Weight (Kg)	30	45	66
Water Fill*	Tank-Man		
Type	Tabletop		
Water Tank Capacity (cc)	4200		8400
Water Consumption per cycle (cc)	600~750	700 / 1500	1500~1750

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

SPEC/Model NO.	SA-232N	SA-252N	SA-300N
Temperature Options ( °C)	121 or 134		
Prion	N/A		
Bowie Dick Test	N/A		
Pump Test	N/A		
Sterilization Timer	N/A		
Dry Timer	N/A		
Redry	N/A		
Data Recorder	S		
Liquid	N/A		
Temperature Indicator	LCD		
Pressure Indicator	Gauge		
Progress Indicator (bar or lights)	S		
Power Indicator	S		
Pressure Auto Lock	S		
Door Closed Indicator	S		
Low Water Indicator	N/A		
Reset	N/A		
Program Selector	S		
Error Indicator***	S		
Pre-Vacuum	N/A		
Post Dry Vacuum	N/A		

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