Pointer SA-A (Auto) Series

Pointer series are pressure control autoclaves, have two versions; the "Auto" Pointer version (SA-A), which is fully automated once a session is started.

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Pointer SA-A (Auto) Series

■ Independent steam generator
■ Wide range of usage
■ Low water indication (Optional)
■ Stainless steel chamber jacket, door support and steam generator
■ Double wall chamber design
■ Pre-heating program
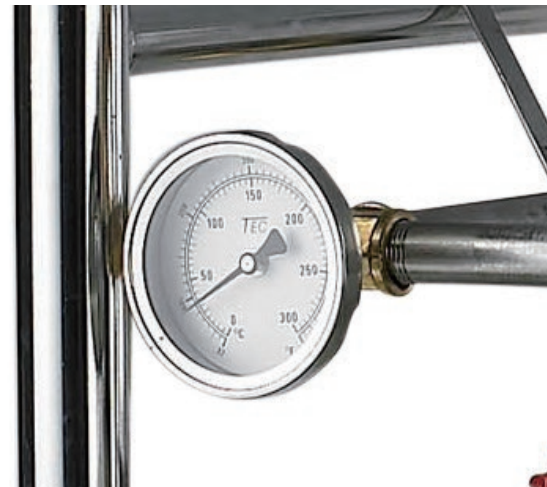■ Cylindrical chamber volume: 100, 143, 196, 350 (L)
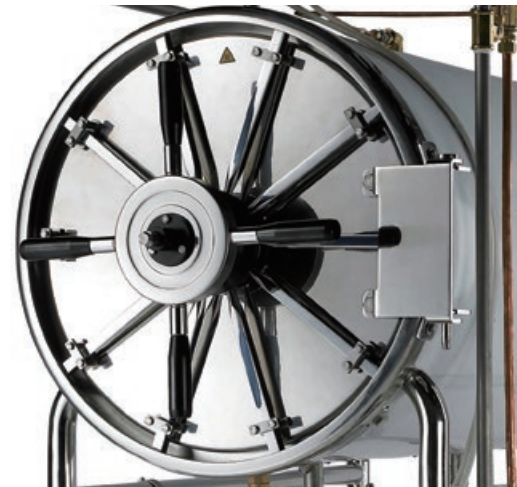
Pointer SA-A (Auto) Series

Pointer SA-A (Auto) Series External View

Pointer-SA-A (Cylindrical chamber)

A Temp. of Chamber

B Door Handle

C
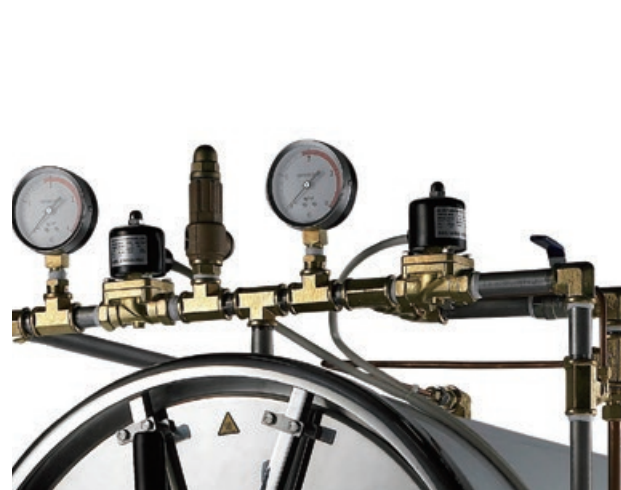
D Exhaust Solenoid Valve of Chamber
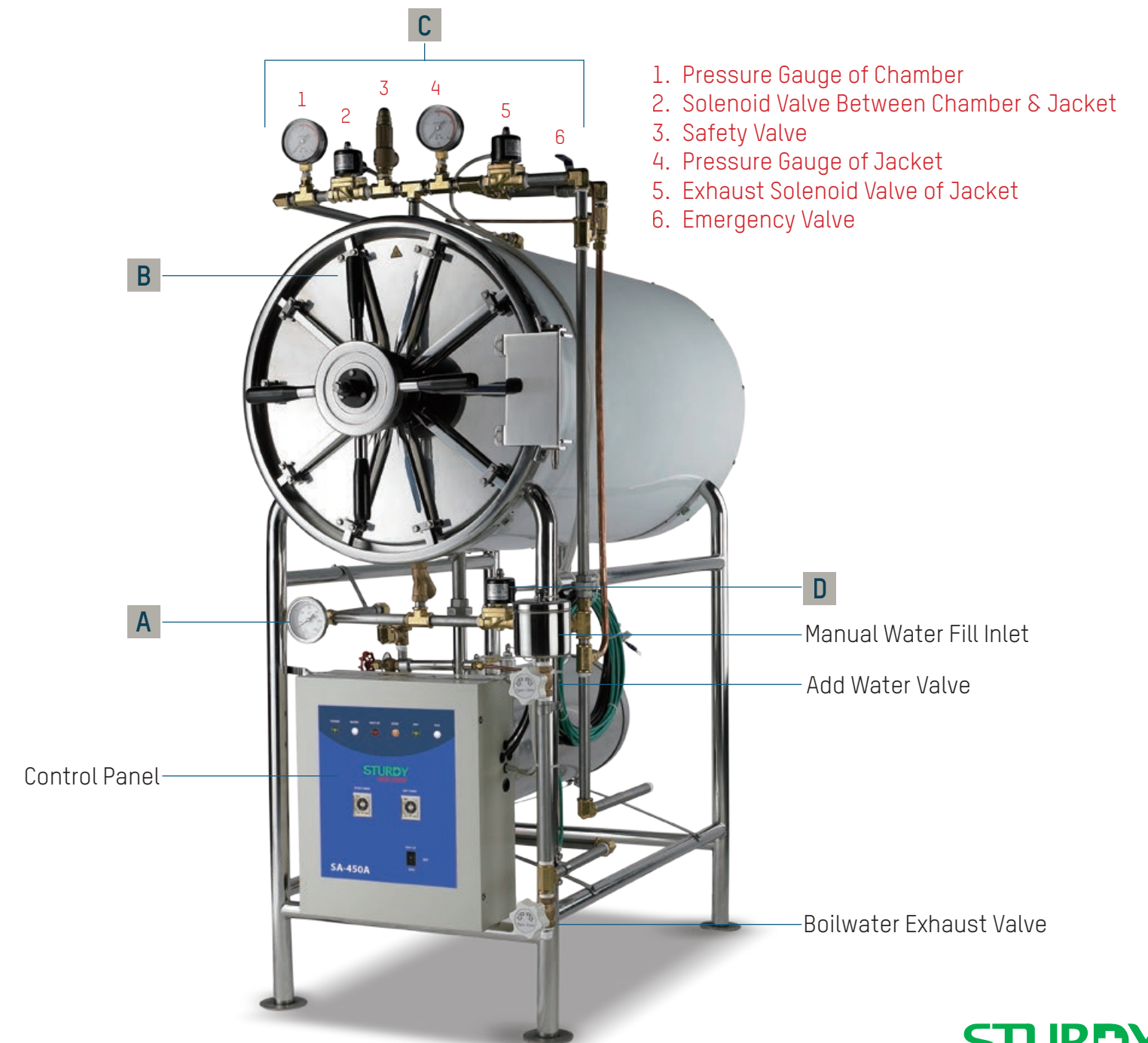
1. Pressure Gauge of Chamber
2. Solenoid Valve Between Chamber & Jacket
3. Safety Valve
4. Pressure Gauge of Jacket
5. Exhaust Solenoid Valve of Jacket
6. Emergency Valve

Manual Water Fill Inlet

Add Water Valve

Control Panel

Boilwater Exhaust Valve

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Pointer SA-A (Auto) Series

Pointer SA-A (Auto) Series Control Panel

Heating Lamp

Sterilization Lamp

Water Level Lamp

Dry Lamp

Power Lamp

POWER   ADD WATER   HEATING   STERI.   DRY   COMPLETE

Complete Lamp

OVER HEAT

⚠

Over Heat Lamp

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STERI. TIMER

DRY TIMER

ANLY

ANLY

Sterilization Timer

AH3   TIMER

AH3   TIMER

Dry Timer

START

Start Switch

OFF

EXHAUST

SA-450A
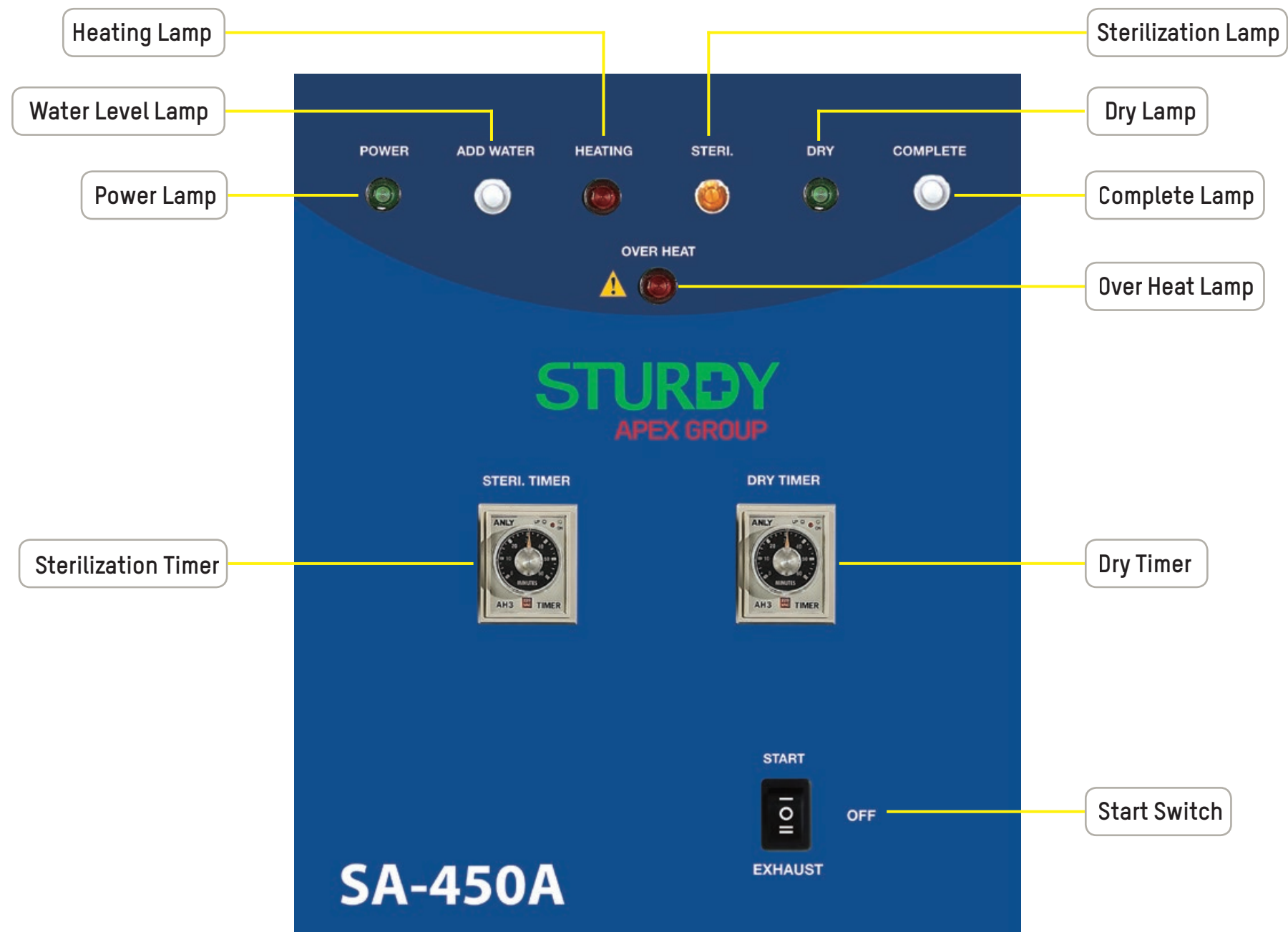
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Pointer SA-A (Auto) Series

Certifications

■ ISO 13485:2016 Quality Management System - Medical Devices

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Pointer SA-A (Auto) Series

Pointer SA-A (Auto) Series Specifications

SPEC/Model NO.	SA-400A	SA-450A	SA-500A	SA-600A
Chamber Capacity (L)	100	143	196	350
Chamber Size Diam x Depth (mm)	400 x 800	450 x 900	500 x 1000	610 x 1200
Overall Dimensions W x H x D (mm)	630 x 1520 x 1070	670 x 1650 x 1250	670 x 1650 x 1290	800 x 1700 x 1475
Voltage (V)	230 / 380 (Mono / Tri phase)			
Heater (KW)	7		9	12
Water Fill *	Piped			
Chamber Type	Cylindrical			
Pressure Option (bar)	0.9-2.1			
Selectable Sterilization Timer	0-60 min.			
Selectable Dry Timer	0-60 min.			
Digital Printer	N/A			
6-Point Temp Sensor Recorder	N/A			
1-Point Temp Sensor Recorder	N/A			
Liquid	0			

* "Manual"- Water must be added manually. Manual water fill with optional piping.

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Pointer SA-A (Auto) Series

Pointer SA-A (Auto) Series Specifications

SPEC/Model NO.	SA-400A	SA-450A	SA-500A	SA-600A
Temperature Indicator		Gauge		
Pressure Indicator *2		Gauge		
Progress Indicator (bar or lights)		S		
Power Indicator		S		
Pressure Auto Lock		O		
Reset		N/A		
Standby *3		N/A		
Program Selector		N/A		
Pre-Vacuum		N/A		
Post Dry Vacuum		O		
Water Pump		O		

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

*2 "Gauge" - Includes both Jacket and Chamber pressure gauges.

*3 "Standby" - Allows the Big Autoclave to maintain jacket temperatures betweeen sterilization sessions.

Other notes:

- Standard Chamber / Jacket / Door / Housing are made of Stainless Steel#304. #316 Stainless steel optionally avaiable for Chamber / Jacket / Door.
- Heater material is Stainless Steel #316.
- Standard Accessories: Tray*1, Glass Viewer Tube * 2
- Optional Accessories: Trolley / Plate Set / Basket
- Sturdy also offers customized sizes up to 2000 L.

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Pointer SA-A (Auto) Series

Comparison Table - Floor Stand Series Feature Comparison

Model NO. Specification	HP	SAT	SAP	Pointer-Auto	Pointer-Manual
Control System	Digital Temp. PLC Control		Mechanical Pressure Control Optional: (T) for Digital Temp. Control	Mechanical Pressure Control	
Program for selection Wrapped/Unwrapped/Liquid	Yes			N/A	
Air Removal	Vacuum Pump		Gravity		
Pre-Vacuum Function	Yes		N/A		
Post(Dry)-Vacuum Function	Yes		Optional (V)	N/A	
Dry function		Yes (Auto)		Yes (Manual)	
Printer & USB storage	Yes		N/A		
1-point temp. recorder	N/A	Yes	Optional (X)	N/A	
6-point temp. recorder	N/A	Optional (Y)		N/A	
Double Door		Optional (D)		N/A	
Fill water system* (Water pressure 2 bar required)	Auto			Manual Optional (B) for auto	Manual
Chamber/Jacket Pressure display	Gauge / LCD Display	Gauge			
Stand-by Switch	Yes		N/A		
Emergency/Reset Switch	Yes		N/A		
Add-Water Pump	Optional (W)		Optional (BW)	N/A	
Water level Protection	Yes			Optional (L)	
Pressure door auto-lock	Yes		Optional (K)		

Option Codes (e.g. Optional (V)) listed in the table above are only reference codes used by other documentation.

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Option Codes (e.g. Optional (V)) listed in the table above are only reference codes used by other documentation.
B: AUTO-ADD WATER PLUMBING (WATER PRESSURE OF 2 BARS REQUIRED)
K: PRESSURE DOOR AUTO-LOCK DEVICE
V: DRY VACUUM PUMP
W: ADD WATER PUMP

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Autoclave

A Basket

B Plate Set

C.1 Optional Trolley

D Filter

C.2 Optional Trolley

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