

Autoclave & Sterilizer

IndoSurgical Pvt. Ltd. is ISO 9001 certified manufacturer, supplier & exporter of Autoclave Sterilizers. Our autoclaves are widely used for day to day sterilization procedures and in various laboratory applications. Our autoclave Sterilizers provide consistent, high quality sterilization results, taking into account all these issues and concerns.



Products Inside

- Portable Autoclaves
- Vertical/Horizontal Autoclaves
- Dental Autoclaves
- Instrument Sterilizer
- Ultraviolet Chamber
- Formalin Chamber

Autoclave & Sterilizer

Autoclave, Aluminium, Seamless, Deluxe Quality, Pressure cooker type



Specification:

- All autoclaves are constructed from heavy gauge aluminum. It's generates steam under pressure and temperature between 120°C to 135°C.
- Made from seamless Aluminium, top loading autoclaves. Seamless construction ensures bacteria free environment.
- 25-30 minutes sterilizing cycle at 121° c.
- With two stages over pressure protection system incorporating a calibrated continuous bleeding pressure stopcock and pressure release weight valve.
- With heat resistant handles and steam release / control valve.
- Pressure Gauge : Colour coded pressure gauge showing internal chamber conditions during the cycle.
- Sterilization zone in green colour is shown from 15 psi to 20 psi (OR 1.034 bar to 1.378 bar) which is equivalent to temperature of 121°C to 127°C.
- Dial size : 2.5". Dial show measurement in 2 units (i) kg/cm² (ii) lb/inch². Full scale dial of pressure gauge is 0-30 lb/ inch² or 0-2 kg/ cm². Caution zone in red colour.
- Supplied with inner & outer stand.
- Optional : 1 Hr. Rotary Timer and Sterilizing Drum in extra cost

Autoclave & Sterilizer

Mirror Finish, Electric, 220V. 50Hz. Single Phase

Item Code	Approx. Size (Dia. X H)	Approx. Capacity (Ltrs.)
45000	220mm x 230mm + 38mm Lid (9"x11") – 1 KW Load	10 Ltrs. With Lid
45002	300mm X 260mm + 50mm Lid. (12"x12") – 2 KW Load	21 Ltrs. With Lid
45003	300mm X 300mm + 50mm Lid. (12"x14") – 2 KW Load	24 Ltrs. With Lid
45004	300mm X 350mm + 50mm Lid. (12"x16") – 2 KW Load	29 Ltrs. With Lid
45006	300mm X 400mm + 150mm Lid. (12"x22") – 2 KW Load	39 Ltrs. With Lid
45007	350mm X 330mm + 90mm Lid. (14"x16") – 2 KW Load	40 Ltrs. With Lid

Mirror Finish, Non-Electric (External Fuel Heated)

Item Code	Approx. Size (Dia. X H)	Approx. Capacity (Ltrs.)
45008	220mm x 230mm + 38mm Lid (9"x11")	10 Ltrs. With Lid
45010	300mm X 260mm + 50mm Lid. (12"x12")	21 Ltrs. With Lid
45011	300mm X 300mm + 50mm Lid. (12"x14")	24 Ltrs. With Lid
45012	300mm X 350mm + 50mm Lid. (12"x16")	29 Ltrs. With Lid
45014	300mm X 400mm + 150mm Lid. (12"x22")	39 Ltrs. With Lid
45015	350mm X 330mm + 90mm Lid. (14"x16")	40 Ltrs. With Lid

Epoxy Finish, Electric, 220V. 50Hz. Single Phase

Item Code	Approx. Size (Dia. X H)	Approx. Capacity (Ltrs.)
45016	220mm x 230mm + 38mm Lid (9" x 11") – 1 KW Load	10 Ltrs. With Lid
45018	300mm X 260mm + 50mm Lid. (12"x12") – 2 KW Load	21 Ltrs. With Lid
45019	300mm X 300mm + 50mm Lid. (12"x14") – 2 KW Load	24 Ltrs. With Lid

IndoSurgicals Pvt. Ltd. is ISO 9001 certified manufacturer, supplier and exporter of Autoclave Sterilizers.

Autoclave & Sterilizer

Autoclave, Aluminium, Seamless, Wingnut Type, General Quality

Construction:

- These autoclaves are made of aluminum. The drum is deep drawn & the ring on top is riveted. The lid is made by casting. Locking of lid by 6 nuts with rubber gasket seal in between (not metal to metal seal). Two safety valves, pressure gauge, flexible metal rubbing to exhaust air. Includes outer stand, inner aluminum container, inner tripod stand.



Mirror Finish, General Quality, Electric

Item Code	Approx. Size (Dia. X H)	Approx. Capacity (Ltrs.)
45021	300 x 300mm = 12" x 12"	20 Ltrs.
45022	300 x 380mm = 12" x 15"	25 Ltrs.
45023	350 x 380mm = 14" x 15"	35 Ltrs.

Mirror Finish, General Quality, Non-Electric

Item Code	Approx. Size (Dia. X H)	Approx. Capacity (Ltrs.)
45024	300 x 300mm = 12" x 12"	20 Ltrs.
45025	300 x 380mm = 12" x 15"	25 Ltrs.
45026	350 x 380mm = 14" x 15"	35 Ltrs.

Autoclave Stainless Steel, Seamless, Mirror Finish

Specification:

- Portable vertical sterilizer Autoclave seamless, top loading Autoclave
- Made from thick High Quality Stainless Steel
- Cylindrical shape, having no joints and welding. Seamless (jointless) Construction allows no bacteria residue and free from dirt accumulation.
- The steam pressure inside the Autoclave can develop from 1.10 kgf/sq.cm (15 psi) to 1.25 kgf/sq.cm (18 psi)
- With top handle, pressure gauge and pressure release valve.



Autoclave & Sterilizer

Autoclave Stainless Steel, Seamless, Mirror Finish

Item Code	Approx. Size (Dia. X H)	Capacity (Ltrs.)	Type
45033	350 x 300-325mm = 14" x 12"	30 Ltrs.	Electric
45034	350 x 300-325mm = 14" x 12"	30 Ltrs.	Non-Electric

Autoclave, Aluminium, Seamless, Wingnut Type, Deluxe Quality

Specification:

- All autoclaves are constructed from heavy gauge aluminum. It generates steam under pressure and temperature between 120°C to 135°C.
- Made from Seamless aluminum base with Cast Aluminum Epoxy powder coated Lid, top loading autoclaves. Locking of lid by 6 nuts with rubber gasket seal in between (no metal to metal seal). Seamless construction ensures bacteria free environment.
- 25-30 minutes sterilizing cycle at 121° C.
- With heat resistant handles and with steam release /control valve and flexible metal exhaust tube.
- Pressure Gauge : Colour coded pressure gauge showing internal chamber conditions during the cycle.
- Sterilization zone in green colour is shown from 15 psi to 20 psi (or 1.034 bar to 1.378 bar) which is equivalent to temperature of 121°c to 127°c.
- Dial size : 2.5". Dial show measurement in 2 units (i) kg/cm² (ii) lb/inch². Full scale dial of pressure gauge is 0-30 lb/ inch² or 0-2 kg/cm². Caution zone in red colour.
- Supplied with inner and outer stand
- Optional : 1 Hr. Rotary Timer and Sterilizing Drum in extra cost



Mirror Finish, Electric, 220V. 50Hz. Single Phase

Item Code	Approx. Size (Dia. X H)	Approx. Capacity (Ltrs.)
45027	300mm X 300mm (12"x12") - 2 KW Load	21 Ltrs.
45028	300mm X 380mm (12"x15") - 2 KW Load	27 Ltrs.
45029	350mm X 380mm (14"x15") - 2 KW Load	37 Ltrs.

Mirror Finish, Non- Electric (External Fuel Heated)

Item Code	Approx. Size (Dia. X H)	Approx. Capacity (Ltrs.)
45030	300mm X 300mm (12"x12")	21 Ltrs.
45031	300mm X 380mm (12"x15")	27 Ltrs.
45032	350mm X 380mm (14"x15")	37 Ltrs.

Autoclave & Sterilizer

Autoclave Stainless Steel

Specification:

- Made of Stainless Steel 304 Grade.
- Pressure cooker type Deluxe Quality.
- Complete with Double Safety Valve.
- Supplied with Inner & Outer Stand.



Item Code	Approx. Size (Dia. X H)	Approx. Capacity (Ltrs.)	Type
45035	9" x 11"	10 Ltrs.	Electric
45036	9" x 11"	10 Ltrs.	Non-Electric

Fully Automatic Microchip Controlled Autoclave

Specification:

• This is the fully automatic microchip controlled autoclave. It's a unique vessel that generates steam under pressure and temperature between 120° to 125° Celsius. On reaching the right temperature the instruments are subject to a saturated steam environment for a pre specified time which results in safe and guaranteed sterilization. It is sturdily constructed in rust-proof, heavy gauge aluminium sheet. "This autoclave" offers a single step operation for quick and easy use and light sequences shows the cycle's progress. This autoclave offers the most cost effective solution for Steam sterilization.



Item Code	Approx. Capacity (Ltrs.)
45037	10 Ltrs.
45038	21 Ltrs.

Autoclave & Sterilizer

45039 - Front Loading Autoclave 15 Litre

Specification:

- Class-N Front Loading Autoclave.
- With thermal vacuum, fully automatic with dry cycle.
- 15 Lt. capacity with Micro Processor control.
- Digital Display of Pressure & temperature
- Double locker on door safety feature
- A pressurized steam autoclave, with thermal air ventilation & drying cycle, handles N type instruments.
- Automatic diagnostic & alarm system is installed



Autoclave Vertical Stainless Steel Nut Locking (Sterilizer Dressing Pressure Type), Electric

Specification:

- Double Wall Single Chamber Autoclave. The Inner Chamber, Outer Wall, Lid, Ring made of Stainless Steel. The instrument is absolutely leak proof .Equipped with Pressure Gauge, Safety Valve, Double Safety Valve, Steam Release Valve, Vacuum Release Valve, Rubber Gasket, Inner Container, Inner Tripod Stand and Mild Steel Legs for Autoclave. The autoclave can hold the in between 5psi to 20 psi.



Item Code	Approx. Size (Inch)	Approx. Capacity (Ltrs.)
45201	10" x 18"	23 Ltrs.
45202	12" x 22"	40 Ltrs.
45203	14" x 22"	52 Ltrs.
45204	14" x 25"	60 Ltrs.
45205	16" x 24"	75 Ltrs.
45206	18" x 24"	95 Ltrs.
45207	22" x 30"	180 Ltrs.

Autoclave & Sterilizer

Double Wall Vertical Autoclave Radial Locking, Electric

Specification:

- Double Wall Chamber Autoclave. The Inner Chamber and Outer Wall made of Stainless Steel, Ring Made of Stainless Steel/ Mild Steel. The lid is made of Stainless steel tightened by radial arms through a steering wheel made of Chrome plated Mild Steel. The instrument is absolutely leak proof. Equipped with Pressure Gauge, Safety Valve, Double Safety Valve, Steam Release Valve, Rubber Gasket, Inner Container, S.S Bucket, and Mild Steel Legs for Autoclave. The Autoclave can hold the in between 5psi to 20 psi.



Item Code	Approx. Size (Inch)	Approx. Capacity (Ltrs.)
45208	10" x 18"	23 Ltrs.
45209	12" x 22"	40 Ltrs.
45210	14" x 22"	52 Ltrs.
45211	14" x 25"	60 Ltrs.
45212	16" x 24"	75 Ltrs.
45213	18" x 24"	95 Ltrs.
45214	22" x 30"	180 Ltrs.

Triple Wall Vertical Hi – Pressure Radial Locking, Electric

Specification:

- Triple Wall Double Chamber Autoclave. The Inner Chamber, Middle Chamber and Outer Wall made of Stainless Steel, Ring Made of Stainless Steel/ Mild Steel. The lid is made of Stainless steel tightened by radial arms through a steering wheel made of Chrome plated Mild Steel. The instrument is absolutely leak proof. Equipped with Pressure Gauge, Safety Valve, Double Safety Valve, Steam Release Valve, Rubber Gasket, Inner Container, S.S Bucket, and Mild Steel Legs for Autoclave. The Autoclave can hold the in between 5psi to 20 psi.



Autoclave & Sterilizer

Triple Wall Vertical Hi – Pressure Radial Locking, Electric

Item Code	Approx. Size (Inch)	Approx. Capacity (Ltrs.)
45215	12" x 22"	40 Ltrs.
45216	14" x 22"	52 Ltrs.
45217	14" x 25"	60 Ltrs.
45218	16" x 24"	75 Ltrs.
45219	18" x 24"	95 Ltrs.
45220	22" x 30"	180 Ltrs.

Triple Wall Vertical Hi-Pressure Nut Locking, Electric

Specification:

- Triple Wall, Double Chamber Autoclave. The Lid, Ring, Inner Chamber, Middle Chamber and Outer Wall are made of Stainless Steel. The instrument is absolutely leak proof. Equipped with Pressure Gauge, Safety Valve, Double Safety Valve, Steam Release Valve, Rubber Gasket, Mild Steel Legs for Autoclave. The autoclave can hold the in between 5psi to 20 psi.



Item Code	Approx. Size (Inch)	Approx. Capacity (Ltrs.)
45221	12" x 22"	40 Ltrs.
45222	14" x 25"	60 Ltrs.
45223	16" x 24"	75 Ltrs.
45224	18" x 24"	95 Ltrs.
45225	22" x 30"	180 Ltrs.

Autoclave & Sterilizer

Cylindrical Horizontal Autoclave Double Wall

Specification:

- The sterilizer is based on the principle that microbiological action of saturated Steam at elevated temperature is rapid and through. All models work on principle of downward displacement of air which is most economical method of obtaining sterilization.
- **Construction :** Double Walled Inner chamber S.S 304 16g and outer cover made of S.S 304, Lid Made of S.S. Radial Locking made of Mild Steel Chrome Plated, Ring M.S Painted. Autoclave mounted on tubular steel frame with ground leveling screwed flanges. Boiler 304 S.S, All parts of S.S 304.
- **Pressure Control :** The pressure control device, Digital Timer, Digital Temperature, Low water cut off Device and Buzzer on completion of cycle is incorporated in electrically operated sterilizer. It economizes on power consumption and reduces the frequent opening steam release valve and prevents the release of steam in room.
- **Operating Temp & Pressure**
 - Sterilizing Temp : 120° C
 - Sterilizing pressure : : 1.2 to 1.5 Kg/cm² (15 psi-20 psi)



Item Code	Approx. Size (Inch)	Approx. Capacity (Ltrs.)
45226	16" x 24"	75 Ltrs.
45227	16" x 44"	140 Ltrs.
45228	20" x 36"	185 Ltrs.
45229	20" x 48"	250 Ltrs.
45230	22" x 48"	300 Ltrs.

Cylindrical Horizontal Autoclave Triple Wall

Specification:

- The sterilizer is based on the principle that microbiological action of saturated steam at elevated temperature is rapid and through. All models work on principle of downward displacement of air which is most economical method of obtaining sterilization.
- **Construction :** Triple Walled with Steam jacket. Inner chamber and steam jacket made of S.S With leak proof argon welding. Lid Made of S.S. Autoclave mounted on tubular steel frame with ground leveling screwed flanges.



Autoclave & Sterilizer

• **Pressure Control** : The pressure control device is incorporated in all electrically operated sterilizer. It economizes on power consumption and reduces the frequent opening steam release value and prevents the release of steam in room.

• **Operating Temp & Pressure**

- sterilizing Temp : 120° C
- sterilizing pressure : 1.2 to 1.5 Kg/cm² (15 psi-20 psi)
- Power : Suitable to operate on 440V, 3ph, 50 Hz, Ac Supply

Item Code	Approx. Size (Inch)	Approx. Capacity (Ltrs.)
45231	16" x 24"	75 Ltrs.
45232	16" x 44"	140 Ltrs.
45233	20" x 36"	185 Ltrs.
45234	20" x 48"	250 Ltrs.
45235	22" x 48"	300 Ltrs.

Dental Autoclave Micro Chip Controlled, 10 Liters

Specification:

- The IndoSurgicals Dental Autoclave Micro Chip Controlled is fully automatic autoclave. It's a unique mechanism generates steam under pressure and temperature between 120°C to 125°C. On reaching the right temperature the instruments are subject to a saturated steam environment for a pre specified time which results in safe and complete sterilization. It is sturdily constructed in rust-proof, heavy gauge Aluminum sheet.
- Supplied with Single Drum size 8" X 8"



Chamber Diameter	225 mm
Total height with lid	280 mm
Capacity with lid	10 ltrs.
Sterilizing Temperature	121°C
Operating Pressure	15 psi
Wattage	1000 w
Power Supply	220 v
Display	LED Digital Display
Sterilizing Cycle	Micro Chip Controlled

Autoclave & Sterilizer

Dental Autoclave, Epoxy Finish, Pressure cooker type, Electric

Specification:

- Chamber Diameter: 225 mm
- Total height with lid: 280 mm
- Capacity with lid: 10 ltrs.
- Sterilizing Temperature: 121°C
- Operating Pressure: 15 psi
- Wattage: 1000 w
- Power Supply: 220 v
- Timer: Rotary 60 min.
- Suitable for Single Drum size 8" X 8"



Item Code	Color	Approx. Capacity (Ltrs.)
45051	Pink	10 Ltrs.
45252	Light Blue	10 Ltrs.
45253	Dark Blue	10 Ltrs.
45254	Green	10 Ltrs.
45255	Cream	10 Ltrs.

Instrument Sterilizers, Electric

Specification:

- Instrument Sterilizers, electric, with hinged lid fitted with immersion rod and water outlet tap
- Seamless stainless steel construction.
- Fitted with automatic cutoff safety pin device, thermostat & tray lifting arrangement.



Item Code	Size (mm) L X B X H	Size (inch) L X B X H
45040	300 x 150 x 125	12 x 6 x 5"
45041	425 x 200 x 150	17 x 8 x 6"
45042	510 x 200 x 150	20 x 8 x 6"

Autoclave & Sterilizer

UV Cabinet

Features:

- The Ultraviolet Chamber is fabricated in rust-proof, heavy gauge MS sheet with fine Epoxy powder coated finish. The effectiveness and UV intensity is achieved by using reflection therefore the inner chamber is made with rust proof has stainless steel bright mirror finish sheet which reflects the UV rays to pass uniformly through entire work surface area within the cabinet.
- It accommodates 12 & 15 Stainless steel specially designed die pressed trays. The UV Germicidal Tube is mounted on the reflector on the door side which emits UV rays. UV-protection glass blocks UV exposure outside the cabinet when under operation.
- Magnetic gasket seals the chamber and door switch interlocks immediately cut out the UV source when the door is opened, preventing accidental UV exposure.



Item Code	Chamber Dimension	Power Consumption	Power Supply
45101	12 Trays - 300 X 190 X 510mm	8 watts UV Tubes.	220V 50Hz
45102	15 Trays - 300 X 190 X 572mm	16 watts UV Tubes	220V 50Hz

Formalin Chamber, Superior Quality

Features:

- Made from 5mm thick superior quality acrylic sheet.
- Corrosion proof, Transparent & Lightweight.
- Handle on top for easy carry.
- Also available in 3mm, 4mm & 6mm thick acrylic sheet.



Item Code	Size
45248	10" x 7" x 6" - Two Trays
45249	14" x 8" x 6" - Two Trays
45250	14" x 8" x 8" - Three Trays
45251	20" x 8" x 8" - Three Trays
45252	23" x 8" x 8" - Three Trays
45253	26" x 8" x 8" - Three Trays
45254	23" x 12" x 12" - Three Trays