



ONE STOP SOLUTION FOR
ALL HOSPITAL NEEDS



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CSSD Product

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Formalin Chamber - 12A01

Advin health care offers Formalin Chamber with international quality standards. The Formalin Chamber is used for sterilization of surgical instruments.

It is manufactured with high quality acrylic transparent sheet so that it is possible to easily view the instruments.

Advanced Features

- 🏠 Precise dimensions
- 🏠 lightweight transparent
- 🏠 Smooth surface
- 🏠 Optimum finish
- 🏠 Precisely designed
- 🏠 Maintains perfect standing structure
- 🏠 Resistance to corrosion



Product Code:

Product	Size	Code
Formalin chamber	30"	12A0130
Formalin Chamber	35"	12A0135

Cidex Tray – 8E01

Advin health care offers Cidex Tray with international quality standards. Cidex Trays are also known as Cidex Solution Trays, Cidex Instrument Trays, Cidex Soaking Tray and Cidex Solution Trays. Cidex trays are used to accommodate Medical Instruments and Endoscopes.

Advanced Features:

- 🏠 Corrosion Proof
- 🏠 Smooth surface
- 🏠 Made of Stainless Steel
- 🏠 Durable & reusable



Product Code:

Product	Size	Code
Cidex Tray – SS	27"	8E0127
Cidex Tray – SS	32"	8E0132
Cidex Tray – Acrylic	15"	8E0215
Cidex Tray – Acrylic	28"	8E0228
Cidex Tray – Acrylic	30"	8E0230

Electrical Pressure Cooker Type Autoclave – 12C01

We, Advin Provides Electrical Pressure Cooker Type Autoclave with international quality standards. The Electrical Pressure Cooker Type Autoclave Used by laboratories and hospitals to sterilize equipment.

Advanced Features:

- ☺ Construction of seamless ensures bacteria free environment
- ☺ Aluminium Mirror Finish
- ☺ Pressure Gauge, Safety Valve, Double Safety Valve, Steam Release Valve
- ☺ Vacuum Release Valve, Rubber Gasket, Inner Container



Product Code:

Size	Capacity	Code
9" x 9" (225 x 225 mm)	9 Litter	12C0109
9" x 11" (225 x 275 mm)	12 Litter	12C0112
12" x 16" (300 x 400 mm)	30 Litter	12C0130

Fully Automatic Vertical Autoclave – 12C02

Advin health care offers Fully Automatic Vertical Autoclaves with international quality standards. These are widely used in hospitals, Operation Theater (OT), microbiology laboratory for sterilization of various medial and cultures.

Advanced Features:

- 🔧 Automatic pressure control switch
- 🔧 Double or triple walled construction
- 🔧 Water level indicator
- 🔧 Up to 121°C temperature range
- 🔧 Digital temperature indicator
- 🔧 Reliable steam pressure gauges
- 🔧 Water inlet & outlet valves
- 🔧 Digital temperature Controller



Technical Specification:

General Specification	
Material	Stainless Steel – 304
Gasket	SS 304 with silicone gasket
Working Pressure	15 to 20 psi
Working Temperature	121°C to 125°C
Controller	Auto set to 15psi & 121°C
Power supply	230 Volts 50Hz
Optional Accessories	<ul style="list-style-type: none"> 🔧 PLC with HMI interface with data logging 🔧 Up to 134°C temperature range

Product Code:

Size	Capacity	Code
12" x 22"	40 Litter	12C0240
14" x 24"	55 Litter	12C0255
16" x 24"	85 Litter	12C0285

Also, we have as manufacturing as per client Requirement.

Fully Automatic Horizontal Autoclaves - 12C03

Advin health care Provides Fully Automatic Horizontal Autoclaves with international quality standards. These are widely used in hospitals, Operation Theater (OT), microbiology laboratory for sterilization of various medial and cultures.

Advanced Features:

- 🏠 PLC based Automation, with 6 preprogrammed cycles & additional user defined cycle
- 🏠 Robust SS Construction For Door,Chamber,Jacket and steam generator
- 🏠 Automatic Sliding doors Sealed with the help of a silicone door gasket
- 🏠 State of the art Supervisory control & monitoring of the machine
- 🏠 Reports generated by online themal printer
- 🏠 Audio Alarm Facility
- 🏠 Visual Display of HMI Screen for Error messages
- 🏠 Security System by Provided Supervisory Codes and Password Protection
- 🏠 The gasket is pressuirzied by compressed-air and retracted by special vacuum mechansim



Technical Specification:

General Specification

Size	As per requirement drum capacity
Chamber & Jacket	SS 304 (Thickness:- 4 mm) & SS 304 (Thickness :- 2.5 mm)
Single Door	SS 304 plates on contact & non-contact Sides
Hinge & Locking Rod	SS 304
Central Locking parts	CI Casting, Wrinkle-black painted
Shooting Bolts	Tempered, Chrome coated
Outer Insulation	SS 304
Operating Pressure	2.1kg/cm ²
Operating Temperature	121 / 134°C
Stand	SS 304 Round Pipe
Operation	Auto/Manual
Steam Generator	SS 304.
Heating	2 Industrial immersion heaters of 9Kw each
Other accessories	Steam trap, pressure switch, float switch , Temp Sensor , Pressure Transmitter , Pressure Gauge , Temp Gauge , Non return valve , Y type solenoid valves , Vacuum Pump etc.
Automation Hardware	PLC Make: Schneider HMI Make: Schneider.
Process Reports With Printer	Reports are generated by the software for each and every cycle in Detailed Report. 26 digit thermal printer.
Wheels	Castor Wheel on all 4 stands

Specification

Working Pressure	Chamber & Jacket 2.5 kg/cm ²
Hydro test Pressure	Chamber 3.5 Kg/Cm ² & Jacket 4.0 Kg/cm ²
Inner Chamber	Fabricated with SS 304
Jacket	Fabricated with SS 304
Design Temperature	121 & 134 degree centigrade
Vacuum	Full

<p>Door</p>	<p>Door and shall be fabricated from SS 304. The door to be insulated with R. B. Glass wool insulation held in place by a stainless steel outer cover. The door sealing should be fitted with silicone door gasket. The following door safety features are to be provided for maximum operator safety: - Process-lock to prevent opening of the door during the process. Process-lock to prevent the opening of the door after successful completion of the cycle.</p>
<p>Insulation</p>	<p>The sterilization chamber should be insulated with minimum of 50-mm thick R. B. Glass Wool, which is held in place by an outer cover of SS 304.</p>
<p>Vacuum Break Filter</p>	<p>A 0.3-micron vacuum break Air filter is to be provided on the sterile side for pressure equalization after vacuum creation.</p>
<p>Piping Package</p>	<p>All process piping in contact with the chamber shall be fabricated from SS 304 with argon welding. All connections and fittings used are sanitary tri-clamp with silicone seals. All non-contact piping shall be fabricated from SS 304 with argon welding. All drain lines and exhausts to be connected to a drain manifold. The pipelines should have a 2% slope for full draining to prevent contamination. All pneumatic lines shall be polyurethane with aluminium die-cast connectors.</p>
<p>Valve Package</p>	<p>The process valves in contact with the chamber should be SS 304 contact parts with Teflon seat and triclamp connections. All non-contact valves should be SS 304 contact parts with Teflon seat. All automatic valves to be pneumatically actuated angle valves. The valves to be actuated by instrument air controlled via solenoid valves.</p>
<p>Steam Accessories</p>	<p>The jacket and chamber are to be provided with an over pressure safety valve. The jacket is to be provided with a steam trap.</p>
<p>Surface Finish</p>	<p>The inside of chamber and doors are to be finished to a surface finish better than 0.8 Ra value. All other noncontact parts are to be polished to a surface finish better that 180 grit.</p>

<p>Validation Ports</p>	<p>The chamber to be provided with a validation ports with tri-clamp connections. The validation ports are to be provided with special leak tight ferrules for insertion of 16 flexible temperature sensors for validation of the system.</p>
<p>Process Management System</p>	<p>The sterilizer is to be designed to perform a wide range of test and production programs to meet the latest regulatory requirements.</p>
<p>Temperature and pressure sensors</p>	<p>Two sensors to be provided; one inside the chamber and one at drain outlet. For accurate process control and recording, all sensors are connected to the PLC and Recorder. The system must have a least count of 0.10 C.</p>
<p>Electrical Switchgear</p>	<p>A pressure transmitter to be connected to the chamber. The system should have a Pressure least count of 0.002 bars. All utility lines to be provided with a pressure switches for generating an alarm in case of utility failure.</p>
<p>Process recording</p>	<p>The control cabinet to be provided with a main isolator for the three-phase supply and a separate switch for the control supply. The fascia of the control panel is provided with indication LED's and switches for operation.</p>
<p>Control Panel</p>	<p>All the switchgear: - Schneider Dot matrix data printer for recording – date, time, process parameters, process status, etc. shall be provided alarms with machine.</p>
<p>Safety</p>	<p>Control system to be provided user friendly HMI as a front end user interface. Following minimum attributes shall be provided RS 232 port for data communication. In-built Real Time Clock with date and time function The process management system shall be provided with a series of safety and alarm features are as follows:</p>
	<ul style="list-style-type: none"> ☹️ Cycle over ☹️ Too long time to create vacuum ☹️ pressure Achieve ☹️ Utility Failure Alarm ☹️ No sharp corners should be present

Product Code:






Size	Ltrs	Code
20" x 48" (4 drum capacity)	250 Litters	12C03250
20" x 36" (3 drum capacity)	185 Litters	12C03185
16" x 24" (2 drum capacity)	100 Litters	12C03100



Front Loading Autoclave - 12C04

Advin health care Provides Front Loading Autoclaves with international quality standards. Advin Front Loading Autoclave Also Known As Table Top Flash Autoclaves. IT is used in Hospital, Clinic ,Laboratories Etc.

Advanced Features:

-  All outer body parts are SS or powder Coated
-  Fully automatic control panel with option to operate on 134 °C
-  Front hinged door
-  High-quality silicone gasket
-  Stainless steel tray



Technical Specification:

General Specification

Size	250mm x 400 mm (23 Liters capacity)
Chamber	SS 304 Thickness: - 3 mm
Door	Hinge Door (made from SS 304)
Shooting Bolts	SS 304
Operating Pressure	1.2 kg/cm ²
Pressure Transmitter	For measuring and controlling the pressure-vacuum that the load is subjected to during removal.
Operating Temperature	121 °C
Outer cover	Made from mild steel with powder coated
Steam Generator	SS 304 in built in the machine
Heating	2 Industrial immersion heaters of 6Kw each
Automation Hardware	PLC Make: Standard, HMI Make: Standard,
Power Supply	230V AC – 50 Hz

Product Code:

Size	Capacity	Code
250 x 450 mm	23 Litter	12C0423

Automatic ETO (Ethlene Oxide) Sterilizer – 12C05

The Automatic ETO Sterilizer are commonly used to sterilize the pharmaceutical equipments and devices. For the industry like medicine, an extra care should be taken for the process.

Advanced Features:

- 👉 100 % ethlene oxide
- 👉 Effective sterilization
- 👉 Automatic control of temperature, moisture, vacuum & valves
- 👉 PLC based automation with 6 programing cycle
- 👉 Low Maintenance
- 👉 Easy to Operate & install
- 👉 On-Screen display phase, current & set values, temperature, pressure & humidity
- 👉 Current / previous data printed through printer



Application:

- 👉 Medicine
- 👉 Laboratory
- 👉 Hospitals & healthcare industry
- 👉 Food & beverages
- 👉 Pharmaceutical
- 👉 Chemical

Accessories

- 👉 Automatic Sealing Machine: 1 Nos.
- 👉 Air Compressor: 1 Nos.
- 👉 EO Aluminium Cartridges (40 Gms): 25 Nos.
- 👉 ETO Packaging Roll: 2 Nos.

Technical Specification:

General Specification

Inner seal	SS 316 L / Thickness – 5 mm
Chamber operating Pressure	Negative pressure cycle
Chamber Testing Pressure	1.5 kg/cm ²
Door	Single Door – SS 316L
Gasket	Silicon Gasket (10/12 mm solid section)
Outer cover	Factory Finished (poly-coated) MS
Heating	Heaters on all sides of the chamber for uniform heating throughout the load.
Temp sensor	For accurate measuring and controlling of temp. in the chamber
Operating chamber	Max 65°C (chamber)
RH% sensor	For measuring and Controlling the humidity of the chamber
Pressure transmitter	For measuring and controlling the pressure –vacuum that the load is subjected to during removal and charging of gas.
All fitting on the Machine	SS 304
Safety valves	SS 304
All valves for automation	Teflon construction pneumatic valves, operated by comp. Air supply through solenoid valves.
Humidification	Special Humidifier for the purpose of humidification of the load and heating of the gas.
Vacuum	Special noise-less vacuum pump provided For vacuum and aeration of the load.
PLC	Schneider/Honeywell
HMI	Schneider/Omron/Fuji (7 inch multicolour)
Process Reports with thermal printer	Reports are generated by the software for each and every cycle in three formats, Viz. <ul style="list-style-type: none"> 1. Graph Reports 2. Single pages summary reports and 3. Detailed Report
Testing	Pressure / vacuum testing as per specified standard.(1.5 times the working pressure)
Operation	All functions are electro-pneumatically operated. Door closing is manual
Loading Trolley	Fabricated With SS 304

Product Code:

Litter	Volume (cuft)	Code
55 litter	2 cuft	12C0502
110 litter	4 cuft	12C0504
220 litter	8 cuft	12C0508



Dressing Drum – 12D01

Dressing Drum is specialized equipment that is used for sterilizing and storing different types of surgical instrument. self-locking systems in order to give extra strength for long lasting performance. Dressing Drum also called as surgical Drum, Hospital Dressing Drums.

Advanced Features:

- 🔗 Design & finish
- 🔗 Lid Snaps fit on the body
- 🔗 Durable And Reusable
- 🔗 Corrosion Proof
- 🔗 High Grade material



Technical Specification:

Product	Size	Code
Dressing Drum	6" x 6"	12D0101
Dressing Drum	9" x 9"	12D0102
Dressing Drum	9" x 11"	12D0103
Dressing Drum	11" x 18"	12D0104
Dressing Drum	11" x 4.5"	12D0105
Dressing Drum	12" x 15"	12D0106

Instrument Sterilizer – 12E01

Advin health care offers Instrument Sterilizer with international quality standards. Advin instrument cabinet gives corrosion proof, medical grade material, durable body structure, high strength.

Advanced Features:

- 🏠 Construction of Stainless steel
- 🏠 For Steam Sterilization/disinfection of surgical materials /instruments
- 🏠 With Handles for Lid and Base
- 🏠 Available in various sizes, custom sizes can be made on request
- 🏠 Electrically operated with immersion heater
- 🏠 Power Supply – 230 VAC / 50 Hz



Technical Specification:

Product	Size	Code
Instrument Sterilizer	205 x 125 x 100 mm	12E0101
Instrument Sterilizer	305 x 155 x 150 mm	12E0102
Instrument Sterilizer	400 x 150 x 150 mm	12E0103
Instrument Sterilizer	450 x 200 x 200 mm	12E0104

Plastic Container –12F01

Advin health care offers Plastic Container with international quality standards.

Multispecialty Trays:

Neuro - Aneurysm Clip Tray – 12F01

Size: 285.75 x 184.15 x 31.75 mm



Ortho drill system Tray – 12F02

Size: 355.6 mm x 254 mm x 101 mm

Size: 317.5 x 203 x 38.1 mm



Arthroscope Tray – 12F03

Size: 266.7 x 63.5 x 31.75 mm



Camera Tray – 12F04

Size: 317.5 x 203.2 x 50.8 mm



Sternum saw drill tray – 12F05

Size: 355 x 254 x 102 mm

Size: 317 x 254 x 102 mm



ACL Tray – 12F08

Size: 533 x 254 x 146 mm

Size: 508 x 229 x 70 mm



ACP implants Tray – 12F09

Size: 406.4 x 197 x 38 mm



Cystoscopy Set Sterilization – 12F10

Size: 483 x 203 x 83 mm

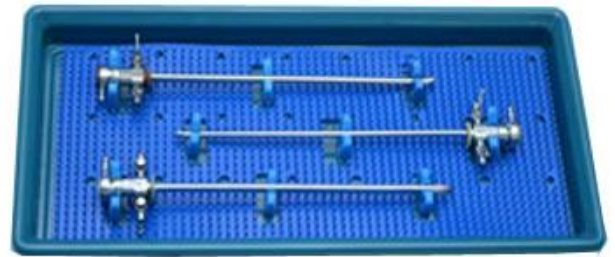
Size: 406 x 197 x 38 mm



TURP Set Sterilization -12F11

Size: 483 x 203 x 83 mm

Size: 406 x 197 x 38 mm



URS Tray – 12F12

Size: 737 x 305 x 76 mm



Litho Tray – 12F13

Size: 686 x 203 x 76 mm



Flexible URS & Accessories Disinfection - 12F14

Size: 737 x 330 x 152 mm



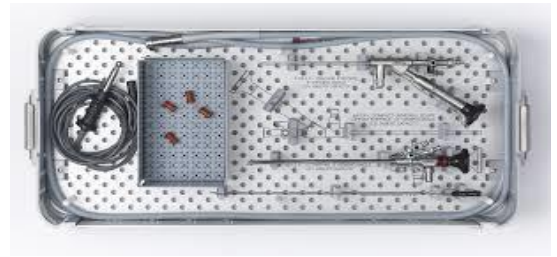
Twin Compartment Scope Soak Kit - 12F15

Size: 648 x 305 x 140 mm



Flexible Cystoscopy Disinfection -12F16

Size: 483 x 203 x 83 mm



Multiple Sterilization Kit with 3 Inner Compartments -12F17

Size: 559 x 305 x 279 mm



Product Code:

Name	Size	Code
Neuro Aneurysm Clip tray with 14 cavities & 1 Cavity for clip applicator	285.75 x 184.15 x 31.75 mm	12F01
Ortho Drill System Tray with custom holders	355.6 x 254 x 101.60 mm 317.5 x 203 x 38.1 mm	12F02AA 12F02AB
Arthroscopy Tray	266.7 x 63.5 x 31.75 mm	12F03
Camera Tray	317.5 x 203.2 x 50.8 mm	12F04
Sternum saw drill tray	355 x 254 x 102 mm 317 x 203 x 38 mm	12F05AA 12F05AB
Lumbar spondylophyte impaction set	337 x 140 x 19 mm	12F06
Dual Arthroscopy Tray	337 x 140 x 19 mm	12F07
ACL Tray	533 x 254 x 146 mm 508 x 229 x 70 mm	12F08AA 12F08AB
ACP implants Tray	406.4 x 197 x 38 mm	12F09
Cystoscopy Set Sterilization	483 x 203 x 83 mm 406 x 197 x 38 mm	12F10AA 12F10AB
TURP Set Sterilization	483 x 203 x 83 mm 406 x 197 x 38 mm	12F11AA 12F11AB
URS Tray	737 x 305 x 76 mm	12F12
Litho Tray	686 x 203 x 76 mm	12F13
Flexible URS & Accessories Disinfection	737 x 330 x 152 mm	12F14
Twin Compartment Scope Soak Kit	648 x 305 x 140 mm	12F15
Flexible Cystoscopy Disinfection	483 x 203 x 83 mm	12F16
Multiple Sterilization Kit With 3 Inner Compartment	559 x 305 x 279 mm	12F17

Plastic Container –12F01

Advin health care offers Plastic Container with international quality standards.

Small Scope Tray with Holders – 12F18S

Size: 273 x 70 x 38



Medium Scope Tray with Holders -12F18M

Size: 406 x 70 x 38



Large Scope Tray with Holders -12F18L

Size: 457 x 70 x 38



Rigid L Scope Tray with Cord Channel -12F19

Size: 483 x 184 x 51



Scope and Camera Trays

Name	Size In MM	Code
Small Scope Tray With Holders	273 x 70 x 38	12F18S
Medium Scope Tray With Holders	406 x 70 x 38	12F18M
Large Scope Tray With Holders	457 x 70 x 38	12F18L
Rigid L Scope Tray With Cord Channel	483 x 184 x 51	12F19



Autoclaves Steam Indicator Tape –12G01

We, Advin Provides Autoclaves Steam Indicator Tape with international quality standards.

Autoclave tape is an adhesive tape used in autoclaving (heating under high pressure with steam to sterilise) to indicate whether a specific temperature has been reached.

Autoclave tape works by changing color after exposure to temperatures commonly used in sterilization processes, typically 121°C in a steam autoclave.

Small strips of the tape are applied to the items before they are placed into the autoclave.

The tape is similar to masking tape but slightly more adhesive, to allow it to adhere under the hot, moist conditions of the autoclave.




One such tape has diagonal markings containing an ink which changes colour (usually beige to black) upon heating.

It is important to note that the presence of autoclave tape that has changed color on an item does not ensure that the product is sterile, as the tape will change color upon exposure only.

For steam sterilization to occur, the entire item must completely reach and maintain 121°C for 15–20 minutes with proper steam exposure to ensure sterilization.



Advanced Features:

-  Reliable
-  Effective
-  Accurate Indicator

Product Code:

Product name	Size	Code
Autoclaves Steam Indicator Tape	-	12G01

Sterilization Pouch – 12J01

We, Advin Provides Sterilization Pouch with international quality standards.

Advanced Features:

- 👉 Superior barrier with 60 gsm / 70 gsm medical grade paper
- 👉 Transparent, Natural, Red, Blue, Green, Reinforced multilayer co-polymer PET/PP film
- 👉 Manufacturing standard Sterilization can be done by ETO gas & steam sterile
- 👉 Three independent seal lines
- 👉 Accurate Color Change
- 👉 Excellent gas permeability & microbial barrier properties can be easily sealed with all sealing machine



Sizes:

- 👉 75 mm x 200 mm
- 👉 75 mm x 300 mm
- 👉 100 mm x 300 mm
- 👉 150 mm x 300 mm

Technical Specification

Product	Size	Code
Sterilization Pouch	-	12H01

Sterilization Reel/ Roll –12H02

We, Advin Provides Sterilization Reel/ Roll with international quality standards. Sterilization rolls are used to wrap medical devices. The flexibility of length is making a dedicated packaging of individual instruments possible and offer a number of advantages to the end-user.

Advanced Features:

- 👉 Easy recognition of content by the multi-layer transparent film
- 👉 Strong , multi-line seals
- 👉 Indicators and text printed outside the packing area
- 👉 Non-tearing film avoids tearing at opening the pack
- 👉 Clean and fibre-free opening of pack
- 👉 Compatible to STEAM, EO and FORM sterilization by three imprinted indicators



Product Code:

Product	Size	Flat Reel	Tyvek Reel
Sterilization Roll	55 mm x 200 mtr	12H02055	12H03055
Sterilization Roll	75 mm x 200 mtr	12H02075	12H03075
Sterilization Roll	100 mm x 200 mtr	12H02100	12H03100
Sterilization Roll	150 mm x 200 mtr	12H02150	12H03150
Sterilization Roll	200 mm x 200 mtr	12H02200	12H03200
Sterilization Roll	250 mm x 200 mtr	12H02250	12H03250
Sterilization Roll	300 mm x 200 mtr	12H02300	12H03300
Sterilization Roll	350 mm x 200 mt	12H02350	12H03350
Sterilization Roll	400 mm x 200 mtr	12H02400	12H03400



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85 COUNTRIES**



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