

# Benchtop Autoclave & Sterilizer



**Biofermentation & Biopharma**

**Petrochemical & Energy**

**Life science**

**Industry**



## About Us

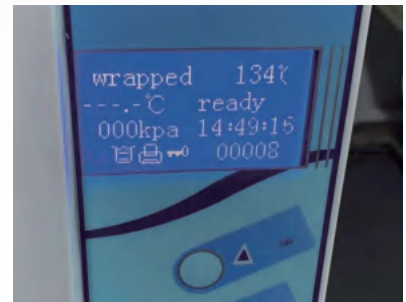
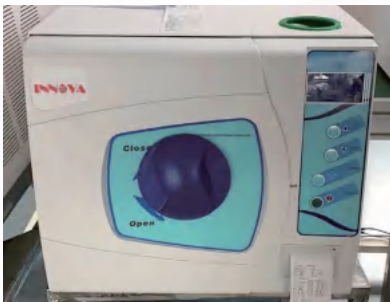
**Innova Bio-Meditech** is one of the leading global providers of laboratory and medical devices. Firmly committed to our mission of "sharing innovative bio-meditech solutions with the world", we are dedicated to innovation in the fields of Biology Project, Life Science, Pharmacy Industry and Medical Treatment.

**Innova Bio-Meditech** possesses a sound distribution and service network with business partners in North and Latin America, Europe, Africa and Asia-Pacific etc, We have built up a well established R&D, manufacture network with 3 centers in Beijing, Qingdao, and shanghai. Inspired by the needs of our customers, we adopt advanced technologies and transform them into accessible innovation. This means constant effort and research, in order to more fully understand the developments of the market, produce constantly upgraded product ranges by adding new products year after year.

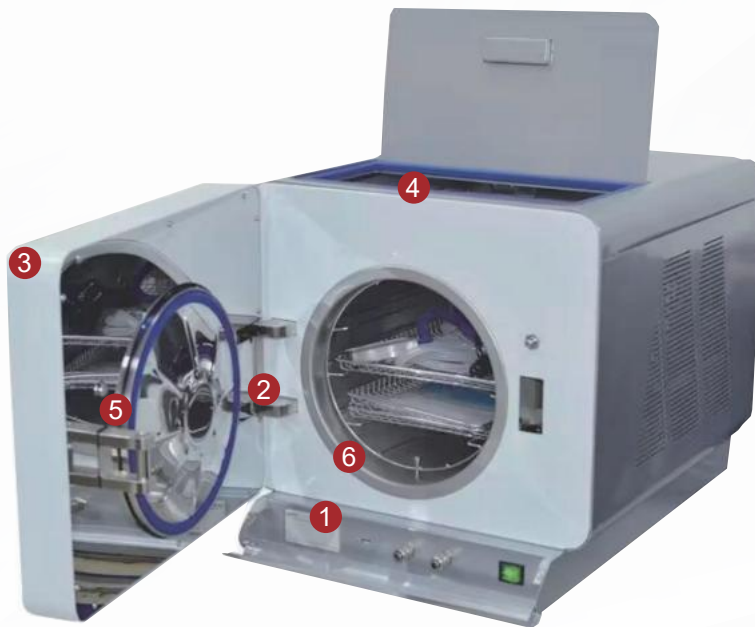
*The passion for science*

## Production scene

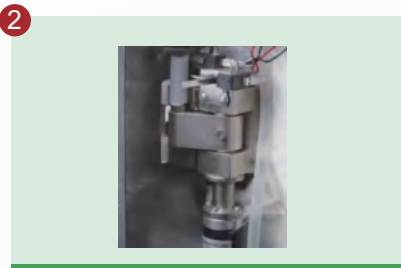
Our company attaches great importance to product quality and fully implements ISO13485 international system of medical devices. We implement strict inspection measures, standardizes assembly process, and strictly controls from design to production. Innova desktop sterilizer has realized safety automatic control.



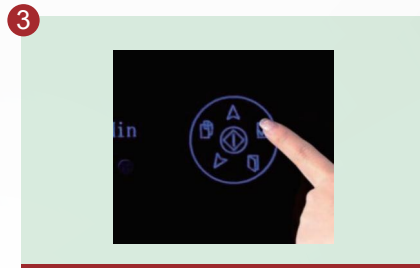
# Structural Design



Built-in printer and USB port



Smart sensitive automatic door system



Big size LCD Touch screen control



Wide-open water tank on top, easy to maintain and clean



Innovative pressure device, double safety protection



Metal Pipe, high temp-tolerated, more reliable and durable

## 01 Product Features

- Complies with European Class B standards and EN 13060 safety testing. Features three-pulse vacuum drying functionality, achieving a vacuum level of -0.9 bar (-0.09 MPa). Residual moisture content of instruments <0.296%, suitable for sterilization and disinfection of various types of instruments, including packaged, unpackaged, solid, Class A hollow, Class B hollow, Class B hollow porous, and instruments with internal tubing.
- Fully computer-controlled with an advanced imported 16-bit microprocessor for intuitive operation. Suitable for sterilization of instruments in dental clinics, ophthalmology departments, operating rooms, and laboratories.
- Features B&D testing and vacuum testing programs for steam penetration testing.
- The chamber is made of 2.5mm stainless steel with a single-piece stretch design, equipped with a jet-type steam generator for automatic cleaning, ensuring more uniform temperature and pressure inside the chamber for thorough sterilization.
- Features a wastewater tank full alarm system to prevent wastewater from being recirculated for disinfection, making the disinfection process more effective.
- Door interlock protection: the door cannot be opened when there is pressure inside the chamber, ensuring safer use.

## 02 Main Technical Parameters

Level	European B standard
sterilization temperature	121°C , 134°C
Special Sterilization	Inactivation of AIDS (HIV), Hepatitis B (HBV), Mad Cow Disease Virus(BSE) and Spores
drying process	Powerful vacuum drying, residual humidity <0.2% of instruments
Testing	Bowie & Dick vapor penetration test, helix test, Vacuum test
Safety	Safety valves, pneumatic locks, self-testing fault detection system
Sterilization records	Printer and USB port to record sterilization process.
water supply system	Open tank can be sterilized and cleaned, with water quality testing and debris filtration function, wastewater tank volume: 3L
Water Quality Testing	Water quality can be tested to see if it meets the requirements of the equipment
cleaning process	Automatic cleaning of internal piping and steam generator

## Touch screen Vacuum Autoclave (T series)



IA-29T



IA-18TF, IA-23TF



IA-18T, IA-23T

- IA-TF series has auto door locking system, more secure, with auto door system.
- IA-T series has double door locking system, more secure, convenient and users friendly.
- 3 times pre-vacuum.
- Large-capacity open water tank, clean water tank capacity 5L.
- Standard USB port for storing and exporting data.
- Equipped with an internal printer for automatic printing of disinfection process data and dates.

## 01 Main Technical Parameters

Model	IA-18T	IA-23T	IA-29T	IA-23TF
Display	LCD Touch screen			
Chamber dimensions	249*355	249*450	319*623	249*450
Chamber volume(L)	18	23	29	23
External dimension(mm)	475*610*410	475*630*500	660*470*480	470*630*500
Packing dimension(mm)	720*545*580	720*545*580	785*585*690	720*545*580
N.W/G.W(kg)	66/70	65/72	63/77	65/72
Heating capacity(kw)	2			
Sterilization cycle time	35~60			
Water required	Distilled			
Printer	Yes			
USD port	Yes			
Door lock	Manual			Automatic

# Keyboard Vaccum Autoclave (Classic series)

## 01 Application

Classic series autoclave uses saturated steam for quick and effective disinfection of articles. The device has a compact desktop design. Widely used in dental clinics, eye clinics, laboratories, beauty salons, etc.



IA-B



IA-BLCD

## 02 Features

- IA-B series use widescreen LED display, IA-BLCD series use widescreen LCD display.
- Large-capacity open water tank, clean water tank capacity 3L.
- 3 times pre-vacuum.
- Optional USB interface for data storage and export.
- An optional printer (built-in or external) can be used to record the disinfection process and date.

### 03 Safety

- With B& D test and vacuum test procedures, to test the penetrability.
- Double lock system to avoid.

### 04 Main Component



Built-in printer and USB port



The chamber is perforated by stainless steel #304, thickness :2.5mm



Inlet vacuum pump



Built-in micro printer



CEME valve



ULKA pumps, low noise

## 05 Technical parameter

Model	IA-12B	IA-16B	IA-18B	IA-23B
Display	LED	LED	LED	LED
Chamber dimension (mm)	200*360	230*360	240*355	249*450
Chamber volume (L)	12	16	18	23
External dimension(mm)	445*550*395	445*550*395	445*550*395	445*640*395
Packing dimension(mm)	670*550*500	670*550*500	670*550*500	740*550*500
N.W./G.W.(kg)	46/51	47/52	48/53	53/59
Heating capacity (kw)	1.8	1.8	1.8	2
Sterilization cycle time	35~60	35~60	35~60	35~60
Water required	Distilled	Distilled	Distilled	Distilled
Printer	Optional	Optional	Optional	Optional
USD port	Optional	Optional	Optional	Optional
Door lock	Manual	Manual	Manual	Manual
Certiication	CE ISO	CE ISO	CE ISO	CE ISO

Model	IA-12BLCD	IA-16BLCD	IA-18BLCD	IA-23BLCD
Display	LCD	LCD	LCD	LCD
Chamber dimension (mm)	200*360	230*360	240*355	249*450
Chamber volume (L)	12	16	18	23
External dimension(mm)	445*550*395	445*550*395	445*550*395	445*640*395
Packing dimension(mm)	670*550*500	670*550*500	670*550*500	740*550*500
N.W./G.W.(kg)	46/51	47/52	48/53	53/59
Heating capacity (kw)	1.8	1.8	1.8	2
Sterilization cycle time	35~60	35~60	35~60	35~60
Water required	Distilled	Distilled	Distilled	Distilled
Printer	Optional	Optional	Optional	Optional
USD port	Optional	Optional	Optional	Optional
Door lock	Manual	Manual	Manual	Manual
Certiication	CE ISO	CE ISO	CE ISO	CE ISO

## Automatic Vaccum Autoclave (P series)



IA-18P, IA-23P



IA-29P, IA-45P

- Accurate LCD display and advanced self-test system ensure users to freely access working data.
- Double lock door system to ensure safe operation.
- The newly designed water tank is at the top for easy cleaning.
- Large-capacity open water tank, clean water tank capacity 3L.
- The IA-29P and IA-45P come standard with USB ports, while the IA-18P and IA-23P offer optional USB ports for data storage and export.
- The IA-29P and IA-45P come standard with external printers, while the IA-18P and IA-23P come standard with built-in printers.

Model	IA-18P	IA-23P	IA-29P	IA-45P
Display	LCD Touch screen			
Chamber dimensions	249*355	249*450	319*365	319*620
Chamber volume(L)	18	23	29	45
External dimension(mm)	480*560*420	480*560*420	785*585*690	720*545*580
Packing dimension(mm)	675*595*525	675*595*525	845*605*540	845*605*540
N.W(kg)	48	53	130	133
Heating capacity(kw)	1.8	2	3.5	3.5
Water required	Distilled			
Printer	Internal		External	
USD port	Optional		Standard	
Door lock	Manual			

# Manual Vaccum Autoclave (Xseries)

## 01 Application

X series autoclave uses saturated steam for quick and effective disinfection of articles. The device has a compact desktop design. Widely used in dental clinics, eye clinics, laboratories, beauty salons, etc.



IA-X



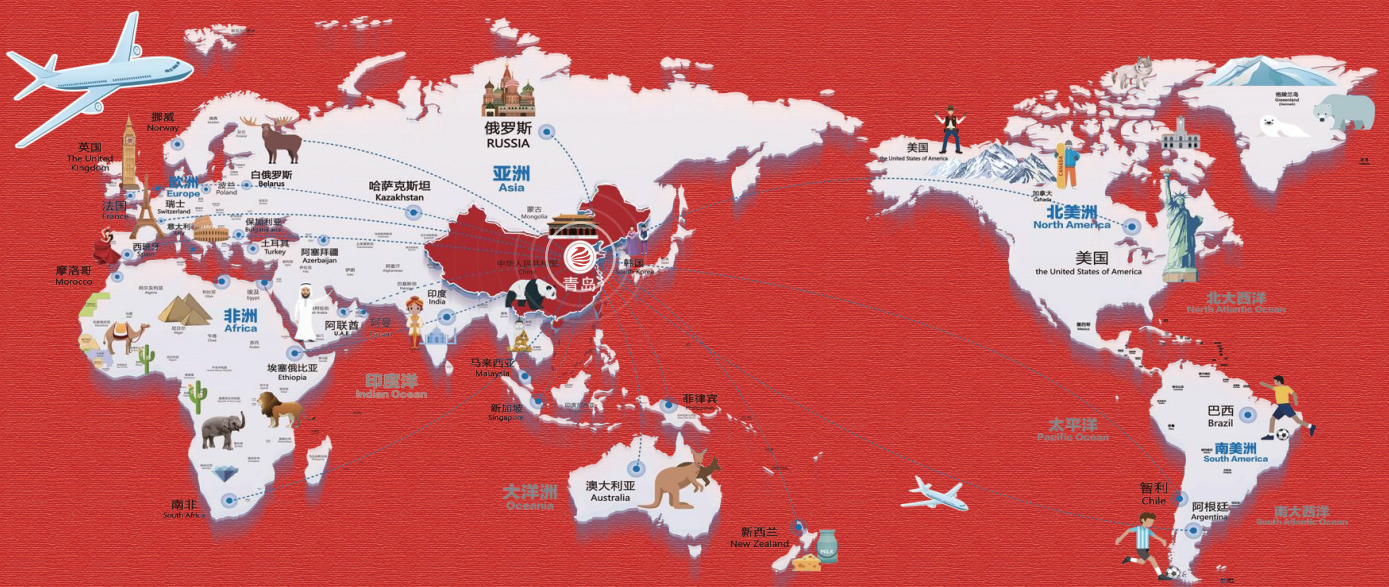
IA-XC

## 02 Features

- The IA-X series and IA-XC series can be equipped with optional USB ports for storing and exporting data.
- Large-capacity open water tank, clean water tank capacity 3L.
- IA-X series equipped with an internal printer and IA-XC series equipped with an internal printer for automatic printing of disinfection process data and dates.

## 03 Technical parameter

Model	IA-18X	IA-23X	IA-18XC	IA-23XC
Display	LED	LED	LED	LED
Chamber dimension(mm)	249*355	249*450	249*355	249*450
Chamber volume(L)	18	23	18	23
External dimension(mm)	475*530*410	475*610*410	475*530*410	475*610*410
Packing dimension(mm)	675*595*525	750*595*525	675*595*525	750*595*525
G.W. (kg)	50	53	50	53
Heating capacity(kw)	1.8	2	1.8	2
Water required	Distilled	Disilled	Distilled	Disilled
Printer	Optional	Optional	Optional	Optional
USDport	Optional	Optional	Optional	Optional
Door lock	Manual	Manual	Manual	Manual
Certification	CE ISO	CE ISO	CE ISO	CEISO



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