Benchtop Autoclave & Sterilizer

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▶ About us

Innova Bio-Meditech is one of the professional solution provider 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 Qingdao, Shanghai and Suzhou. 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, INNOVA produce constantly upgraded product ranges by adding new products year after year.

The passion for science

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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
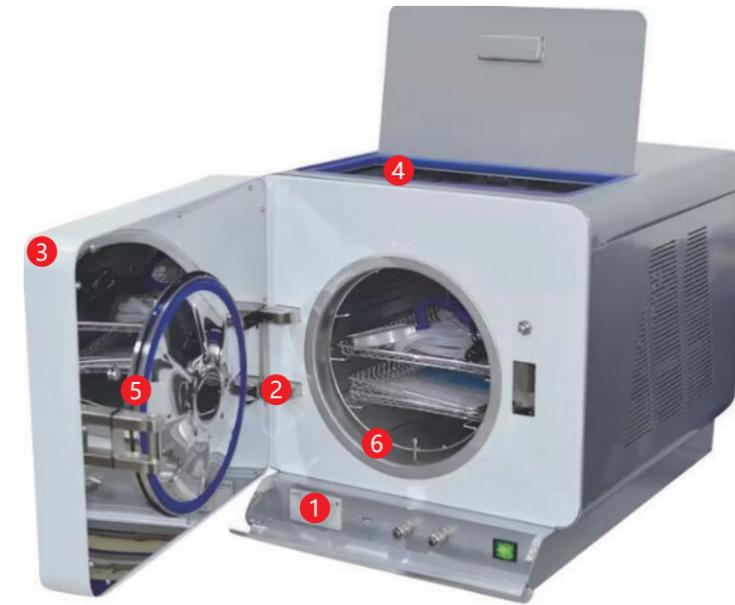
1	2	3
Built-in printer and USB port	Smart sensitive automatic door system	Big size LCD Touch screen control

4	5	6
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.

Touch Screen Vaccum Autoclave (T series)

Application

T 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-T

IA-TF

Features

- EURO Class B high volume tabletop sterilizers, with 3 pulsating vacuum. Vacuum up to -0.9Bar (- 0.09Mpa). Suitable to sterilize wrap, unwrap, solid, porous, hollow device.
- Steel external frame, strong and durable with fashionable appearance.
- Double door locking system, more secure, with auto door system.
- Wide-open water tank on top, easy to maintain and clean.
- Metal pipe connecting the heating paths, more reliable and durable.
- Patent new steam generator, more efficient to get steam and heat.
- Aesthetic and big size LCD touch screen, more user-friendly and practicable for operation.

Features

- EURO Class B high volume tabletop sterilizers, with 3 pulsating vacuum.Vacuum up to -0.9Bar (-0.09Mpa). Suitable to sterilize wrap, unwrap, solid,porous, hollow device.
- Steel external frame, strong and durable with fashionable appearance.
- Auto door locking system, more secure, convenient and users friendly.
- Wide-open water tank on top, easy to maintain and clean .
- Metal pipe connecting the heating paths, more reliable and durable.
- Patent new steam generator, more efficient to get steam and heat .
- Aesthetic and big size LCD touch screen, more user-friendly and practicable for operation.

Technical Specifications

Model	IA-18T	IA-23T	IA-23TF	IA-29TF
Display	LCD Touch Screen	LCD Touch Screen	LCD Touch Screen	LCD Touch Screen
Chamber dimensions	249*355	249*450	249*450	319*623
Chamber volume (L)	18	23	23	29
External dimension(mm)	475*610*410	475*630*500	470*630*500	540*580*781
Packing dimension(mm)	720*545*580	720*545*580	720*545*580	625*650*901
N.W. /G.W.(kg)	66/70	65/72	65/72	76/80
Heating capacity (kw)	2	2	2	2.5
Sterilization cycle time	35~60	35~60	35~60	35~60
Water required	Distilled	Distilled	Distilled	Distilled
Printer	Y	Y	Y	Y
USD port	Y	Y	Y	Y
Door lock	Manual	Manual	Automatic	Automatic
Certification	CE ISO	CE ISO	CE ISO	CE ISO

Keyboard Vaccum Autoclave (Classic series)

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

Features

- Keyboard controller with LED or LCD display.
- Tabletop compact design.
- Housing, support frame made of powder coated corrosion-resistant high density steel, strong and durable with fashion appearance.
- Comply EU standard Class B, built-in vacuum pump with 3 pulsating vacuum. Vacuum up to - 0.9Bar (- 0.09Mpa). Residual humidity＜0.2, suitable to sterilize wrap, unwrap, solid, porous, hollow device.
- Fully automatic microprocessor control system, easy operation, rapid response. Multiple sterilization programs.
- Password protection.
- Programmable timer.
- Wide-open water tank on top, easy to maintain and clean, automatic feed water for steam generation.
- Metal pipe connecting the heating paths, more reliable and durable.
- Patent steam generator, more efficient to get steam and heat.
- Air-cooled steam exhaust (IA-45 is water-cooled).
- Built-in printer for batch documentation.

Safety

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

Main Component

Spiral steam generator

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

Inlet vacuum pump

Built-in micro printer

CEME valve

ULKA pumps,low noise

Technical Specifications

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
Certification	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
Certification	CE ISO	CE ISO	CE ISO	CE ISO

Automatic Vaccum Autoclave (P series)

P 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-P

IA-PA

IA-45P

Features

- Based on the new B class, three pulsating vacuum, the vacuum degree can reach-900Kpa (- 0.09Mpa), and the residual humidity is less than 0.2.
- Imported advanced 16-bit microprocessor, easy to operate. Suitable for stomatology, ophthalmology, surgery and laboratories.
- 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.
- Optional built-in mini-printer or USB interface to record the disinfection process.

Features

- Automatic electronic lock sterilizer.
- Based on the new Class B, and with three pulsating vacuum.
- The vacuum degree can reach-900Kpa (- 0.09Mpa), and the residual humidity is less than 0.2.
- Suitable for sterilization of packaging, unpacking, solid, porous and hollow equipment.

Features

- **Intelligent operation interface.**
Use TFT screen; intelligent, one-stop interface; sterilization process at a glance; easy to operate!
- **Intelligent water cooling system.**
The pump is water-cooled, with long service life and strong toughness.
- **Electrically controlled automatic door lock system.**
Easy to operate, and can completely eliminate potential safety hazards caused by improper manual operation.

Technical Specifications

Model	IA-18P	IA-23P	IA-18PA	IA-23PA	IA-29P	IA-45P
Display	LED	LED	LED	LED	LCD Touch Screen	LCD Touch Screen
Chamber dimension (mm)	249*355	249*450	249*355	249*450	319*365	319*620
Chamber volume (L)	18	23	18	23	29	45
External dimension (mm)	480*560*420	480*630*420	480*560*420	480*630*420	845*605*540	845*605*540
Packing dimension (mm)	675*595*525	750*595*525	675*595*525	750*595*525	970*730*660	970*730*660
G.W.(kg)	47	50	50	53	110/130	113/133
Heating capacity (kw)	1.8	2	1.8	2	3.5	3.5
Water required	Distilled	Distilled	Distilled	Distilled	Distilled	Distilled
Printer	Optional	Optional	Optional	Optional	Y	Y
USD port	Optional	Optional	Optional	Optional	Y	Y
Door lock	Manual	Manual	Automatic	Automatic	Automatic	Automatic
Certification	CE ISO	CE ISO	CE ISO	CE ISO	CE ISO	CE ISO

Manual Vaccum Autoclave (X series)

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-XP

Features

- Based on the new B class, three pulsating vacuum, the vacuum degree can reach-900Kpa (- 0.09Mpa), and the residual humidity is less than 0.2. Suitable for sterilization of packaging, unpacking, solid, porous and hollow equipment.
- Imported advanced 16-bit microprocessor, easy to operate. Suitable for stomatology, ophthalmology, surgery and laboratories.
- Equipped with B&D test ,vacuum test procedures and test for penetration.
- The chamber adopts 304stainless steel punching, thickness 2.5mm, together with jet steam generator to ensure effcient sterilization.
- Equipped with a waste water tank alarm system to prevent waste water from entering the sterilization cycle to make sterilization thoroughly.
- 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.
- Optional built-in micro-printer or USB interface to record the disinfection process.

Technical Specifications

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	Distilled	Distilled	Distilled
Printer	Optional	Optional	Optional	Optional
USD port	Optional	Optional	Optional	Optional
Door lock	Manual	Manual	Manual	Manual
Certification	CE ISO	CE ISO	CE ISO	CE ISO