



Medical Autoclave

Iris Medical Autoclave is a manufacturer of the steam sterilizer to assure proper cleaning and disinfection of apparatuses, and all our sterilizers are manufactured to CE and ISO certification. The 2 main classes of autoclave are available: Medical N-type autoclave is a non-vacuum sterilizer which removes air from the chamber by gravity displacement which mainly utilized in the flash application for raw instruments and B type autoclave is a vacuum sterilizer which removes air from the chamber by air displacement and makes the sterilization of wrapped hollow instruments more complete offer best drying effect. Autoclave sterilization uses elevated temperature and pressure to create steam which acts as the sterilization agent. Other than laboratory sterilization autoclaves are widely used to sterilize dental and medical equipment and surgical instruments.

Description

Iris Medical Autoclave is a manufacturer of the steam sterilizer to assure proper cleaning and disinfection of apparatuses, and all our sterilizers are manufactured to CE and ISO certification. The 2 main classes of autoclave are available: Medical N-type autoclave is a non-vacuum sterilizer which removes air from the chamber by gravity displacement which mainly utilized in the flash application for raw instruments and B type autoclave is a vacuum sterilizer which removes air from the chamber by air displacement and makes the sterilization of wrapped hollow instruments more complete offer best drying effect. Autoclave sterilization uses elevated temperature and pressure to create steam which acts as the sterilization agent. Other than laboratory sterilization autoclaves are widely used to sterilize dental and medical equipment and surgical instruments.

It has developed for medical sterilization applications hospital, lab, and clinic, pharmaceutical factory, research, offer easier, precise, reproducible and effective process. Adapted steam generator for quick steam production, water-cooled and temperature controlled. Equipped with sterile bacterial filter for chamber venting and heating elements are placed base beneath of chamber, ensuring longer durability and avoiding contamination by spilled waste, broken bottles. Vacuum pump to evacuate residual air. Consider the longer chambered 150 L version, which still sits comfortably on a standard workbench.

Medical Autoclave IMA-500 series are class B and N-type, tabletop equipment generally used in dental, medical, clinical, podiatry, veterinary, microbiology, biotechnology and life science research, and beauty and tattoo salons, easy to use, reliable and cost-effective, with outstanding performance. Our standard models of class B and N sterilizers are available with volume 14, 17 and 23-liter chamber capacities. Combined with a pre-vacuum system for effective air removal from the chamber and thermodynamic working method. A high-performance steam generator and vacuum pump mixture to certify the sterilization cycle takes place at maximum speed.

Medical Vertical Autoclave IMA-1000 Series are class N-type vertical steam autoclave and 2 stainless steel sterilizing baskets. Ideal for hospital, lab, and clinic, pharmaceutical factory, research. All product is CE and ECM certified. Available chamber capacity: 35 L, 50 L, 75 L, and 100 L

Medical Vertical Autoclave IMA-2000 Series are class N-type vertical steam autoclaves. This requires certain loads (i.e. fabrics) to be dry at the end of a sterilization cycle. Ideal for surgical instruments, fabrics, glasses, culture media, etc. Available chamber capacity: 35 L, 50 L, 75 L, and 100 L

Medical Vertical Autoclave IMA-3000 Series are class N-type vertical steam autoclaves. Ideal for hospital, lab, and clinic, pharmaceutical factory, research. Available chamber capacity: 35 L, 50 L, 75 L, 100L, 120L, and 150 L.

Medical Autoclave IMA-500 series

Medical Autoclave IMA-500 series are class B and N-type, tabletop equipment generally used in dental, medical, clinical, podiatry, veterinary, microbiology, biotechnology and life science research, and beauty and tattoo salons, easy to use, reliable and cost-effective, with outstanding performance. Our standard models of class B and N sterilizers are available with volume 14, 17 and 23-liter chamber capacities. Combined with a pre-vacuum system for effective air removal from the chamber and thermodynamic working method. A high-performance steam generator and vacuum pump mixture to certify the sterilization cycle takes place at maximum speed.

Description

Medical Autoclave IMA-500 series are class B and N-type, tabletop equipment generally used in dental, medical, clinical, podiatry, veterinary, microbiology, biotechnology and life science research, and beauty and tattoo salons, easy to use, reliable and cost-effective, with outstanding performance. Our standard models of class B and N sterilizers are available with volume 14, 17 and 23-liter chamber capacities. Combined with a pre-vacuum system for effective air removal from the chamber and thermodynamic working method. A high-performance steam generator and vacuum pump mixture to certify the sterilization cycle takes place at maximum speed.

Medical Autoclave IMA-510B is suitable for dental steam sterilizer and vacuum type unit. The internal chamber is made of 304 stainless steel with the availability of 3 to 5 drying trays.

Medical Autoclave IMA-520B is suitable for dental steam sterilizer and vacuum type unit. The internal chamber is made of 304 stainless steel with the availability of 3 to 5 drying trays.

Medical Autoclave IMA-530B is suitable for dental steam sterilizer and vacuum type unit. The internal chamber is made of 304 stainless steel with the availability of 3 to 5 drying trays.

Medical Autoclave IMA-510BII is an automatic steam sterilizer with pre-vacuum features. Designed with 8 programs and an LCD display for easy operation.

Medical Autoclave IMA-520BII is an automatic steam sterilizer with pre-vacuum features. Designed with 8 programs and an LCD display for easy operation.

Medical Autoclave IMA-530BII is an automatic steam sterilizer with pre-vacuum features. Designed with 8 programs and an LCD display for easy operation.

Medical Autoclave IMA-510N is an automatic steam sterilizer with pre-vacuum features. Designed with 2 programs and an LCD display for easy operation.

Medical Autoclave IMA-520N is an automatic steam sterilizer with pre-vacuum features. Designed with 2 programs and an LCD display for easy operation.

Medical Autoclave IMA-530N is an automatic steam sterilizer with pre-vacuum features. Designed with 2 programs and an LCD display for easy operation.

- Suitable for the dentist
- Reliable and robust
- Sterilization Temperature: 134°C to 121 °C
- 14, 17 and 23-liter chamber capacities available
- An automatic door lock system

- Stainless steel sterilizing shelves
- Automatic water feeding and draining system
- Shelves can load up to 2 to 5 trays
- Adopt the ARM7 CPU processor for best result
- 8 program about different instruments along with 2 tests program
- Build-in printer inside the unit with digital USB connection
- LCD display
- Model no. IMA-510B, IMA-520B, IMA-530B are design with high-quality features and technology
- Negative pressure up to -0.90 bar
- Used pre-vacuum method for air elimination from the chamber
- Model no. IMA-510N, IMA-520N, IMA-530N sterilize solid instrument and for tattoo and piercing businesses
- Comes with safety devices over temperature control, pressure control, low water level indication, and safety door lock
- Sterilizing product include wrapped hollow instrument, porous material, unwrapped solid instrument

Specification

Technical Specifications

Model	IMA-510B	IMA-520B	IMA-530B	IMA-510BII	IMA-520BII	IMA-530BII	IMA-510N	IMA-520N	IMA-530N
Capacity	14L	17L	23L	14L	17L	23L	14L	17L	23L
Sterilization Temperature	134°C to 121 °C								
Dry procedure	Vacuum drying						-		
Material	304 Stainless steel			SUS 304					
Sterilization time	4 to 18 mins								
No. of Tray	3 to 5 trays			3 trays			2 trays		
Minimum desk size	480×350 mm	480×420 mm	480×520 mm	4805350 mm	480×400 mm	480×500 mm	48×35	48×40	48×50
Water tank	top or internal			internal					
Certification	CE and ISO								
Type	Table -Top								
Power Consumption	1600 W	1800 W	2000 W	1600 W	1800 W	2000 W	1200 W	1200 W	1500 W
Chamber Dimension	250×270 mm	250×380 mm	250×500 mm	250×270 mm	250×380 mm	250×500 mm	250×270	250×350	250×490
Packing Dimension	680×600×500 mm	730×600×500 mm	870×600×500 mm	630×600×500 mm		830×600×500 mm	630×600×500 mm	630×600×500 mm	830×600×500 mm
Overall Dimension	480×480×520 mm	480×560×520 mm	480×670×420 mm	480×480×520 mm	480×560×420 mm	480×670×420 mm	480×480×420 mm	480×530×420 mm	480×690×420 mm
Net Weight	42 kg	46.5 kg	56 kg	37 kg	46.5 kg	56 kg	30 kg	32 kg	36.5 kg
Gross Weight	50 kg	55 kg	65 kg	45 kg	55 kg	65 kg	38 kg	40 kg	45.5 kg
Electrical Requirement	220±10%,50/60HZ,10A						230V	110V	126V
Catalogue No.	580050502	580051002	580051502	580052002	580052502	580053002	580053502	580054002	580054502

Technical

Technical Specifications

Model	IMA-510B	IMA-520B	IMA-530B	IMA-510BII	IMA-520BII	IMA-530BII	IMA-510N	IMA-520N	IMA-530N
Capacity	14L	17L	23L	14L	17L	23L	14L	17L	23L
Sterilization Temperature	134°C to 121 °C								
Dry procedure	Vacuum drying						-		
Material	304 Stainless steel			SUS 304					
Sterilization time	4 to 18 mins								
No. of Tray	3 to 5 trays			3 trays			2 trays		
Minimum desk size	480×350 mm	480×420 mm	480×520 mm	4805350 mm	480×400 mm	480×500 mm	48×35	48×40	48×50
Water tank	top or internal			internal					
Certification	CE and ISO								
Type	Table -Top								
Power Consumption	1600 W	1800 W	2000 W	1600 W	1800 W	2000 W	1200 W	1200 W	1500 W
Chamber Dimension	250×270 mm	250×380 mm	250×500 mm	250×270 mm	250×380 mm	250×500 mm	250×270	250×350	250×490
Packing Dimension	680×600×500 mm	730×600×500 mm	870×600×500 mm	630×600×500 mm		830×600×500 mm	630×600×500 mm	630×600×500 mm	830×600×500 mm
Overall Dimension	480×480×520 mm	480×560×520 mm	480×670×420 mm	480×480×520 mm	480×560×420 mm	480×670×420 mm	480×480×420 mm	480×530×420 mm	480×690×420 mm
Net Weight	42 kg	46.5 kg	56 kg	37 kg	46.5 kg	56 kg	30 kg	32 kg	36.5 kg
Gross Weight	50 kg	55 kg	65 kg	45 kg	55 kg	65 kg	38 kg	40 kg	45.5 kg
Electrical Requirement	220±10%,50/60HZ,10A						230V	110V	126V
Catalogue No.	580050502	580051002	580051502	580052002	580052502	580053002	580053502	580054002	580054502

Medical Vertical Autoclave IMA-1000 Series

Medical Vertical Autoclave IMA-1000 Series are class N-type vertical steam autoclave and 2 stainless steel sterilizing baskets. Ideal for hospital, lab, and clinic, pharmaceutical factory, research. All our sterilizers are manufactured to CE and ECM certified. Available chamber capacity: 35 L, 50 L, 75 L, and 100 L

Description

Medical Vertical Autoclave IMA-1000 Series are class N-type vertical steam autoclave and 2 stainless steel sterilizing baskets. Ideal for hospital, lab, and clinic, pharmaceutical factory, research. All our sterilizers are manufactured to CE and ECM certified. Available chamber capacity: 35 L, 50 L, 75 L, and 100 L

Medical Vertical Autoclave IMA-1135 is designed with stainless steel and accommodates 35 L with handwheel features for lid opening and door safety lock.

Medical Vertical Autoclave IMA-1150 is designed with stainless steel and accommodates 50 L with handwheel features for lid opening and door safety lock.

Medical Vertical Autoclave IMA-1175 is designed with stainless steel and accommodates 75 L with handwheel features for lid opening and door safety lock.

Medical Vertical Autoclave IMA-1100 is designed with stainless steel and accommodates 100 L with handwheel features for lid opening and door safety lock.

- Designed with touch digital display
- Available chamber capacity: 35 L, 50 L, 75 L, and 100 L
- Designed with hand wheel for lid opening
- Sterilization temperature range: 134°C
- Temperature Accuracy: $\leq \pm 1^\circ\text{C}$
- Designed with 2 stainless steel sterilizing baskets
- Fabricated with anti-corrosive stainless steel
- Automatic steam sterilization
- Automatic power off
- Furnished with door safety lock
- Designed with self-inflating seal
- Assure safety with electric safety protection, automatic release safety valve, over-pressure protection, over-temperature, and anti-dry heating protection
- Easy to handle, and consistent
- CE And ECM certified
- Applications: Hospital, lab, clinic, pharmaceutical factory, research

Specification

Technical Specifications

Model	IMA-1135	IMA-1150	IMA-1175	IMA-1100
Capacity	35 L	50 L	75 L	100 L
Sterilizing Chamber Capacity	318×450 mm	340×550 mm	400×600 mm	440×650 mm
Materials	Stainless Steel			

Operating Temperature	134°C			
Temperature Accuracy	$\leq \pm 1^{\circ}\text{C}$			
Operating Pressure	0.22 Mpa			
Maximum Pressure	0.23 Mpa			
Adjustment Of Temperature	105 to 134°C			
Display	Touch Digital Display			
Time Range	0 to 99 minutes			
Certification	CE And ECM			
Power Consumption	2500 W	3500 W	4500 W	4500 W
Dimension	450×450×1010 mm	510×470×1130 mm	560×560×1120 mm	540×560×1250 mm
Net Weight	65 kg	68 kg	80 kg	85 kg
Gross Weight	72 kg	88 kg	100 kg	110 kg
Electrical Requirement	AC220V/ 50Hz			
Catalogue No.	360050502	360051002	360051502	360052002

Technical

Technical Specifications

Model	IMA-1135	IMA-1150	IMA-1175	IMA-1100
Capacity	35 L	50 L	75 L	100 L
Sterilizing Chamber Capacity	318×450 mm	340×550 mm	400×600 mm	440×650 mm
Materials	Stainless Steel			
Operating Temperature	134°C			
Temperature Accuracy	$\leq \pm 1^{\circ}\text{C}$			
Operating Pressure	0.22 Mpa			
Maximum Pressure	0.23 Mpa			
Adjustment Of Temperature	105 to 134°C			
Display	Touch Digital Display			
Time Range	0 to 99 minutes			
Certification	CE And ECM			

Power Consumption	2500 W	3500 W	4500 W	4500 W
Dimension	450×450×1010 mm	510×470×1130 mm	560×560×1120 mm	540×560×1250 mm
Net Weight	65 kg	68 kg	80 kg	85 kg
Gross Weight	72 kg	88 kg	100 kg	110 kg
Electrical Requirement	AC220V/ 50Hz			
Catalogue No.	360050502	360051002	360051502	360052002

Medical Vertical Autoclave IMA-2000 Series

Medical Vertical Autoclave IMA-2000 Series are class N-type vertical steam autoclaves. This requires certain loads (i.e. fabrics) to be dry at the end of a sterilization cycle. Ideal for surgical instruments, fabrics, glasses, culture media, etc. Available chamber capacity: 35 L, 50 L, 75 L, and 100 L. All our sterilizers are manufactured to CE and ECM certified.

Description

Medical Vertical Autoclave IMA-2000 Series are class N-type vertical steam autoclaves. This requires certain loads (i.e. fabrics) to be dry at the end of a sterilization cycle. Ideal for surgical instruments, fabrics, glasses, culture media, etc. Available chamber capacity: 35 L, 50 L, 75 L, and 100 L. All our sterilizers are manufactured to CE and ECM certified.

Medical Vertical Autoclave IMA-2035 is designed with stainless steel and accommodates 35 L along with 2 stainless steel sterilizing baskets with handwheel features for lid opening and door safety lock.

Medical Vertical Autoclave IMA-2050 is designed with stainless steel and accommodates 50 L along with 2 stainless steel sterilizing baskets with handwheel features for lid opening and door safety lock.

Medical Vertical Autoclave IMA-2075 is designed with stainless steel and accommodates 75 L along with 2 stainless steel sterilizing baskets with handwheel features for lid opening and door safety lock.

Medical Vertical Autoclave IMA-2100 is designed with stainless steel and accommodates 100 L along with 2 stainless steel sterilizing baskets with handwheel features for lid opening and door safety lock.

- Designed with touch digital display
- Available chamber capacity: 35 L, 50 L, 75 L, and 100 L
- Designed with hand wheel for lid opening
- Sterilization temperature range: 134°C
- Temperature Accuracy: $\leq \pm 1^\circ\text{C}$
- Designed with 2 stainless steel sterilizing baskets
- Fabricated with anti-corrosive stainless steel
- Automatic steam sterilization
- Automatic power off
- Furnished with door safety lock
- Designed with self-inflating seal
- Assure safety with electric safety protection, automatic release safety valve, over-pressure protection, over-temperature, and anti-dry heating protection
- Easy to handle, and consistent
- CE And ECM certified
- Applications: Hospital, lab, clinic, pharmaceutical factory, research

Specification

Technical Specifications

Model	IMA-2035	IMA-2050	IMA-2075	IMA-2100
Capacity	35 L	50 L	75 L	100 L
Sterilizing Chamber Capacity	318×450 mm	340×550 mm	400×600 mm	440×650 mm

Materials		Stainless Steel		
Operating Temperature	134°C			
Temperature Accuracy	$\leq \pm 1^\circ\text{C}$			
Operating Pressure	0.22 Mpa			
Maximum Pressure	0.23 Mpa			
Adjustment Of Temperature	0 to 134°C			
Display	Touch Digital Displa			
Time Range	1 to 99 minutes			
Certification	CE And ECM			
Power Consumption	2500 W	3500 W	4500 W	4500 W
Dimension	600×410×1030 mm	650×410×1140 mm	690×470×1140 mm	730×510×1270 mm
Net Weight	77 kg	83 kg	98 kg	110 kg
Gross Weight	96 kg	102 kg	120 kg	135 kg
Electrical Requirement	AC220V/50Hz			
Catalogue No.	360052502	360053002	360053502	360054002

Technical

Technical Specifications

Model	IMA-2035	IMA-2050	IMA-2075	IMA-2100
Capacity	35 L	50 L	75 L	100 L
Sterilizing Chamber Capacity	318×450 mm	340×550 mm	400×600 mm	440×650 mm
Materials		Stainless Steel		
Operating Temperature	134°C			
Temperature Accuracy	$\leq \pm 1^\circ\text{C}$			
Operating Pressure	0.22 Mpa			
Maximum Pressure	0.23 Mpa			
Adjustment Of Temperature	0 to 134°C			
Display	Touch Digital Displa			
Time Range	1 to 99 minutes			

Certification	CE And ECM			
Power Consumption	2500 W	3500 W	4500 W	4500 W
Dimension	600×410×1030 mm	650×410×1140 mm	690×470×1140 mm	730×510×1270 mm
Net Weight	77 kg	83 kg	98 kg	110 kg
Gross Weight	96 kg	102 kg	120 kg	135 kg
Electrical Requirement	AC220V/50Hz			
Catalogue No.	360052502	360053002	360053502	360054002

Medical Vertical Autoclave IMA-3000 Series

Medical Vertical Autoclave IMA-3000 Series are class N-type vertical steam autoclaves. Ideal for hospital, lab, and clinic, pharmaceutical factory, research. Available chamber capacity: 35 L, 50 L, 75 L, 100L, 120L, and 150 L. All our sterilizers are manufactured to CE and ECM certified.

Medical Vertical Autoclave IMA-3030 is designed with stainless steel and accommodates 35 L with handwheel features for lid opening and door safety lock. Medical Vertical Autoclave IMA-3050 is designed with stainless steel and accommodates 50 L with handwheel features for lid opening and door safety lock.

Description

Medical Vertical Autoclave IMA-3000 Series are class N-type vertical steam autoclaves. Ideal for hospital, lab, and clinic, pharmaceutical factory, research. Available chamber capacity: 35 L, 50 L, 75 L, 100L, 120L, and 150 L. All our sterilizers are manufactured to CE and ECM certified.

Medical Vertical Autoclave IMA-3030 is designed with stainless steel and accommodates 35 L with handwheel features for lid opening and door safety lock. Medical Vertical Autoclave IMA-3050 is designed with stainless steel and accommodates 50 L with handwheel features for lid opening and door safety lock.

Medical Vertical Autoclave IMA-3075 is designed with stainless steel and accommodates 75 L with handwheel features for lid opening and door safety lock. Medical Vertical Autoclave IMA-3100 is designed with stainless steel and accommodate 100 L with handwheel features for lid opening and door safety lock.

Medical Vertical Autoclave IMA-3120 is designed with stainless steel and accommodate 120 L with handwheel features for lid opening and door safety lock.

Medical Vertical Autoclave IMA-3150 is designed with stainless steel and accommodate 150 L with handwheel features for lid opening and door safety lock.

- Designed with direct heating by immersed copper tubes of heating elements
- Designed with touch digital display
- Available chamber capacity: 35 L, 50 L, 75 L, 100L, 120L, and 150 L
- Designed with hand wheel for lid opening
- Sterilization temperature range: 134°C
- Temperature Accuracy: $\leq \pm 1^\circ\text{C}$
- Fabricated with anti-corrosive stainless steel
- Automatic steam sterilization
- Automatic power off
- Furnished with door safety lock
- Designed with self-inflating seal
- Assure safety with electric safety protection, automatic release safety valve, over-pressure protection, over-temperature, and anti-dry heating protection
- Easy to handle, and consistent
- CE And ECM certified
- Applications: Hospital, lab, clinic, pharmaceutical factory, research

Specification

Technical Specifications

Model	IMA-3030	IMA-3050	IMA-3075	IMA-3100	IMA-3120	IMA-3150
-------	----------	----------	----------	----------	----------	----------

Capacity	35 L	50 L	75 L	100 L	120 L	150 L
Sterilizing Chamber Capacity	318×450 mm	340×550 mm	400×600 mm	440×650 mm	480×660 mm	510×740 mm
Materials	Stainless Steel					
Operating Temperature	134°C					
Temperature Accuracy	≤±1°C					
Operating Pressure	0.22 Mpa					
Maximum Pressure	0.23 Mpa					
Adjustment Of Temperature	105°C to 134°C					
Display	Touch Digital Display					
Time Range	0 to 99 minutes					
Certification	CE And ECM					
Power Consumption	2500 W	3000 W	4500 W	4500 W	6000 W	6000 W
Dimension	480×546×850 mm	520×520×980 mm	560×560×980 mm	590×590×1080 mm	600×640×1140 mm	670×690×1130 mm
Net Weight	42 kg	50 kg	70 kg	85 kg	100 kg	110 kg
Gross Weight	56 kg	68 kg	90 kg	105 kg	125 kg	135 kg
Electrical Requirement	AC220V/50Hz					
Catalogue No.	360054502	36005502	360055502	360056002	360056502	360057002

Technical

Technical Specifications

Model	IMA-3030	IMA-3050	IMA-3075	IMA-3100	IMA-3120	IMA-3150
Capacity	35 L	50 L	75 L	100 L	120 L	150 L
Sterilizing Chamber Capacity	318×450 mm	340×550 mm	400×600 mm	440×650 mm	480×660 mm	510×740 mm
Materials	Stainless Steel					

Operating Temperature	134°C					
Temperature Accuracy	≤±1°C					
Operating Pressure	0.22 Mpa					
Maximum Pressure	0.23 Mpa					
Adjustment Of Temperature	105°C to 134°C					
Display	Touch Digital Display					
Time Range	0 to 99 minutes					
Certification	CE And ECM					
Power Consumption	2500 W	3000 W	4500 W	4500 W	6000 W	6000 W
Dimension	480×546×850 mm	520×520×980 mm	560×560×980 mm	590×590×1080 mm	600×640×1140 mm	670×690×1130 mm
Net Weight	42 kg	50 kg	70 kg	85 kg	100 kg	110 kg
Gross Weight	56 kg	68 kg	90 kg	105 kg	125 kg	135 kg
Electrical Requirement	AC220V/50Hz					
Catalogue No.	360054502	36005502	360055502	360056002	360056502	360057002

