



Vertical Autoclave

Iris Analytical Vertical/Top Loading autoclaves/steam sterilizers are designed for applications such as liquids in open or slightly closed vessels, instruments and solids, unwrapped and waste sterilisation.

The steam is generated directly in the chamber. Heating elements are situated under the base of the chamber so there is no contact between them and feed water, ensuring long element lifetime and preventing contamination by spilt waste, broken bottles or similar. The elements are protected from overheating by a temperature limiter.

The vertical/top loading autoclaves are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models.

The Iris Vertical Autoclaves are available from 35 litres to 200 litres chamber capacity. All are built with castor wheels as standard making them easy to move.

The safety system incorporate heat, anti-dry, interlock, pressure protection with quick-open door safety protection, sterile bacterial filter for chamber venting, ensuring longer durability and avoiding contamination by spilled waste, broken bottles.

The Iris Vertical Autoclaves/steam sterilisers are widely used for sterilisation applications in laboratory, hospitals, clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries.



Vertical Autoclave/Steam sterilizers IVA-1000 Series

Vertical Autoclave/Steam sterilizers IVA-1000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 36 litres, 54 litres, 80 litres, and 100 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-1000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries. Comes with sterilization cycle including solid cycle, Liquid cycle, Liquid with warming cycle, Agar cycle, Solid with drying (for D model), Customized cycle.

Description

Vertical Autoclave/Steam sterilizers IVA-1000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 36 litres, 54 litres, 80 litres, and 100 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-1000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries. Comes with sterilization cycle including solid cycle, Liquid cycle, Liquid with warming cycle, Agar cycle, Solid with drying (for D model), Customized cycle.

- Adopted microcomputer control system
- Comes with Multilayered pressure protection system with automatic interlocking device
- Real-time pressure changes monitoring
- Comes with double over pressure protection with safety valve and a pressure protective device
- Unique anti-scald design
- Provide 5 sterilization cycles for sterilization, drying, warming of solid and liquid articles and for melting and warming of agar separately
- Temperature and pressure: 105 to 135?, designed pressure: 0.3Mpa
- Automatic troubleshooting system
- Provide safety with self-induction pressure interlocking device, lid closing checking, over temperature protection, temperature monitor, dry scorch protection system, over pressure protection, safety valve, over current and short circuit protection, leakage protection device, anti-scald safety protection, automatic troubleshooting

Optional Accessories

- 1. Stainless steel baskets
- 2. Printer
- 3. printing set (pressure sensor + printer)
- 4. stainless steel pails

Description



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Optional Accessories

- 1. Stainless steel baskets
- 2. Printer
- 3. printing set (pressure sensor + printer)
- 4. stainless steel pails

Model	IVA-1200	IVA-1200D	IVA-1400	IVA-1400D	IVA-1600	IVA-1600D	IVA-1800	IVA-1800D			
Difference	Without	With Drying	Without	With Drying	Without	With Drying	Without	With Drying			
	Drying		Drying		Drying		Drying				
Capacity	36	i L	54	1L	80	L	10	O L			
Materials				SUS	304						
Sterilization	Solid c	ycle, Liquid cy	cle, Liquid wi	th warming cy	cle, Agar cyc	le, Solid with o	drying (for D r	nodel),			
Cycle				Customiz	ed cycle						
Temperatur		0.1?									
e Accuracy											
Melting Te				60-1	00?						
mperature											
Melting				1 to 6000	minutes						
Time											
Operating		0.25Mpa									
Pressure											



Maximum				0.3	Лра						
Pressure											
Steel	2x(300x2	200 mm)	3x(300x2	200 mm)	2x(360x2	280 mm)	3x(360x	220) mm			
Basket											
Sterilization		105-135?									
Temperatur											
е											
Sterilization				1 to 6000	minutes						
Time											
Range											
Drying Tem				80 to	140?						
perature											
Display				LC	D						
Drying Time				1 to 300	minutes						
Range											
Working Te				5 to	45?						
mperature											
Humidity				10 to	85%						
Certification	-	-	-	-	-	-	-	-			
Storage			60) cycles, recor	d 1000 proce	SS					
Power Con	230	0 W	260	0 W	460	0 W	460	0 W			
sumption											
Dimension	460x542x	460x542x1070 mm									
Net Weight											
Electrical R		220V,16A	?50/60HZ			220V,32A	?50/60HZ				
equirement											
Catalogue	580400502	580401002	580401502	580402002	580402502	580403002	580403502	580404002			
No.											

Description

Vertical Autoclave/Steam sterilizers IVA-1000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 36 litres, 54 litres, 80 litres, and 100 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-1000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries. Comes with sterilization cycle including solid cycle, Liquid cycle, Liquid with warming cycle, Agar cycle, Solid with drying (for D model), Customized cycle.

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- Real-time pressure changes monitoring
- Comes with double over pressure protection with safety valve and a pressure protective device
- Unique anti-scald design
- Provide 5 sterilization cycles for sterilization, drying, warming of solid and liquid articles and for melting and warming of agar separately
- Temperature and pressure: 105 to 135?, designed pressure: 0.3Mpa
- · Automatic troubleshooting system
- Provide safety with self-induction pressure interlocking device, lid closing checking, over temperature protection,



temperature monitor, dry scorch protection system, over pressure protection, safety valve, over current and short circuit protection, leakage protection device, anti-scald safety protection, automatic troubleshooting

Optional Accessories

- 1. Stainless steel baskets
- 2. Printer
- 3. printing set (pressure sensor + printer)
- 4. stainless steel pails

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Model	IVA-1200	IVA-1200D	IVA-1400	IVA-1400D	IVA-1600	IVA-1600D	IVA-1800	IVA-1800D			
Difference	Without	With Drying	Without	With Drying	Without	With Drying	Without	With Drying			
	Drying		Drying		Drying		Drying				
Capacity	36	6 L	5-	4L	80	0 L	10	0 L			
Materials				SUS	304						
Sterilization	Solid o	cycle, Liquid cy	cle, Liquid w	ith warming cy	cle, Agar cyc	cle, Solid with	drying (for D	model),			
Cycle				Customiz							
Temperatur		0.1?									
e Accuracy											
Melting Te				60-1	00?						
mperature											
Melting				1 to 6000	minutes						
Time											
Operating				0.25	Мра						
Pressure											
Maximum				0.3N	Лра						
Pressure											
Steel	2x(300x	200 mm)	3x(300x	200 mm)	2x(360x	280 mm)	3x(360x	220) mm			
Basket											
Sterilization				105-	135?						
Temperatur											
е											
Sterilization				1 to 6000	minutes						
Time											
Range											
Drying Tem				80 to	140?						
perature											
Display				LC							
Drying Time				1 to 300	minutes						
Range											
Working Te				5 to	45?						
mperature											
Humidity	10 to 85%										
Certification	-	-	-	-	-	-	-	-			
Storage				O cycles, recor							
Power Con	230	2300 W 2600 W 4600 W 4600 W						00 W			
sumption											
Dimension	460x542	x1070 mm	460x542	k1070 mm	n 620x680x1100 mm 620x680x1200 r		k1200 mm				
Net Weight											



Electrical R		220V,16A	?50/60HZ		220V,32A?50/60HZ				
equirement									
Catalogue	580400502	580401002	580401502	580402002	580402502	580403002	580403502	580404002	
No.									

		1	ı		I	1		T			
Model	IVA-1200	IVA-1200D	IVA-1400	IVA-1400D	IVA-1600	IVA-1600D	IVA-1800	IVA-1800D			
Difference	Without Drying	With Drying	Without Drying	With Drying	Without Drying	With Drying	Without Drying	With Drying			
Capacity	36	S L	54	4L	80	L	10	0 L			
Materials				SUS	304		•				
Sterilization	Solid o	ycle, Liquid cy	cle, Liquid w	ith warming cy	cle, Agar cyc	le, Solid with	drying (for D r	model),			
Cycle				Customiz	zed cycle						
Temperatur				0.′	1?						
e Accuracy											
Melting Te				60-1	00?						
mperature											
Melting				1 to 6000) minutes						
Time											
Operating				0.25	Мра						
Pressure											
Maximum				0.3	Ира						
Pressure											
Steel	2x(300x	200 mm)	3x(300x	200 mm)	2x(360x	280 mm)	3x(360x	220) mm			
Basket											
Sterilization				105-	135?						
Temperatur											
е											
Sterilization				1 to 6000) minutes						
Time											
Range											
Drying Tem				80 to	140?						
perature											
Display				LC							
Drying Time				1 to 300	minutes						
Range											
Working Te				5 to	45?						
mperature											
Humidity		T.	I	10 to	85%	1	T				
Certification	-	-	-	-	-	-	-	-			
Storage) cycles, recor							
Power Con	230	0 W	260	0 W	460	00 W	460	0 W			
sumption	100 = 1-	1070	100 - 10	1070							
Dimension	460x542x	(1070 mm	460x542x	1070 mm	620x680x1100 mm 620x680x1200 mm						
Net Weight		0001/45	050/00: :=		2001/20127						
Electrical R		220V,16A	?50/60HZ		220V,32A?50/60HZ						
equirement	50040050	E00464665	500 40 1 50 5	E00.400005	500400505	500.40000	E00460E0E	E0046465			
Catalogue	580400502	580401002	580401502	580402002	580402502	580403002	580403502	580404002			
No.											



Vertical Autoclave/Steam sterilizers IVA-2000 Series

Vertical Autoclave/Steam sterilizers IVA-2000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 60 litres, 85 litres, and 110 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-2000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries. Comes with sterilization cycle including Solid cycle, Liquid cycle, Liquid with warming cycle, Agar cycle, Solid with drying (for WC model),Medical waste cycle, Customized cycle.

Description

Vertical Autoclave/Steam sterilizers IVA-2000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 60 litres, 85 litres, and 110 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-2000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries. Comes with sterilization cycle including Solid cycle, Liquid cycle, Liquid with warming cycle, Agar cycle, Solid with drying (for WC model),Medical waste cycle, Customized cycle.

- Adopted microcomputer control system
- Real-time pressure changes monitoring
- Comes with Multilayered pressure protection system with automatic interlocking device
- Temperature and pressure: 105 to 138?, designed pressure: 0.3 Mpa
- Provide 6 sterilization cycles for the sterilizing, warming and drying of solids and liquids, the melting and warming of agars
- Provide a real-time safety with mechanical interlocking: the unique 8 column evenly distributed interlocking device and the electric double inner locks enable the control system to monitor the temperature and pressure in the sterilization chamber
- Heavy-gauge sterilization chamber
- CE standard certified
- With Cooling lock OPEN temperature

Description

Vertical Autoclave/Steam sterilizers IVA-2000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 60 litres, 85 litres, and 110 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-2000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries. Comes with sterilization cycle including Solid cycle, Liquid cycle, Liquid with warming cycle, Agar cycle, Solid with drying (for WC model),Medical waste cycle, Customized cycle.



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- Heavy-gauge sterilization chamber
- · CE standard certified
- With Cooling lock OPEN temperature

Model	IVA-2200	IVA-2200	IVA-2200	IVA-2400	IVA-2400	IVA-2400	IVA-2600	IVA-2600	IVA-2600		
		C	WC		C	WC		C	WC		
Capacity		60 L			85 L			110 L			
Chamber		400x505 mm	l	4	400x700 mm	1	•	400x895 mm	1		
Capacity		0110.00									
Materials					SUS 304						
Sterilizatio	Solid cycle	e, Liquid cyc	le, Liquid wi		cycle, Agar c		vith drying (fo	or WC mode	I),Medical		
n Cycle				waste cy	cle, Customi	zed cycle					
Temperat					0.1?						
ure											
Accuracy											
Melting Te					60 to 100?						
mperature											
Melting				1 to	o 6000 minu	tes					
Time											
Operating					0.27Mpa						
Pressure											
Maximum					0.35Mpa						
Pressure											
Steel	2	2x(360x200)			2x(360x280)			3x(360x250)			
Basket											
Sterilizatio					105-138?						
n Tem											
Sterilizatio				1 to	o 6000 minu	tes					
n Time											
Range											
Drying					80 to 140?						
Temp											
Drying				1 1	to 300 minut	es					
Time											
Range											
Working T					5 to 45?						
emperatur											
е											
Humidity					10 to 85%						
Certificatio	_	_	_	_	-	_	_	_	_		
n											
- 11		<u> </u>	l					1	<u> </u>		



Power Consumption	2900 W			4600 W			4600 W		
Dimension	660x644x 980 mm	660x831	(980 mm	660x644x 980 mm	660x831x	k980 mm	660x644x 1180 mm	660x831x	1180 mm
Electrical Requirem ent	220V,16A, 50/60HZ		220	V,32A?50/60)HZ	220	V,32A?50/60)HZ	
Catalogue	58045050	58045100	58045150	58045200	58045250	58045300	58045350	58045400	58045450
No.	2	2	2	2	2	2	2	2	2

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- Adopted microcomputer control system
- · Real-time pressure changes monitoring
- · Comes with Multilayered pressure protection system with automatic interlocking device
- Temperature and pressure: 105 to 138?, designed pressure: 0.3 Mpa
- Provide 6 sterilization cycles for the sterilizing, warming and drying of solids and liquids, the melting and warming of agars
- Provide a real-time safety with mechanical interlocking: the unique 8 column evenly distributed interlocking device and the electric double inner locks enable the control system to monitor the temperature and pressure in the sterilization chamber
- Heavy-gauge sterilization chamber
- CE standard certified
- With Cooling lock OPEN temperature

Model	IVA-2200	IVA-2200	IVA-2200	IVA-2400	IVA-2400	IVA-2400	IVA-2600	IVA-2600	IVA-2600
		С	WC		С	WC		С	WC
Capacity		60 L			85 L			110 L	
Chamber	4	400x505 mm	l	4	100x700 mm)	4	100x895 mm	ı
Capacity									
Materials					SUS 304				
Sterilizatio	Solid cycle	e, Liquid cyc	le, Liquid wi	th warming o	ycle, Agar c	ycle, Solid w	ith drying (fo	or WC mode	l),Medical
n Cycle				waste cyc	cle, Customiz	zed cycle			
Temperat					0.1?				
ure									
Accuracy									
Melting Te		60 to 100?							
mperature									
Melting		1 to 6000 minutes							



Operating Pressure	Time									
Maximum Pressure Steel 2x(360x200) 2x(360x280) 3x(360x250) Steel Steel Sterilizatio 105-138? 1 to 6000 minutes 1 to 6000 m	Operating					0.27Mpa				
Pressure Steel 2x(360x200) 2x(360x280) 3x(360x250) Steel Basket Sterilizatio 105-138?	Pressure									
Steel Basket 2x(360x200) 2x(360x280) 3x(360x250)	Maximum					0.35Mpa				
Basket Sterilizatio n Tem Sterilizatio n Time Range Drying Temp Drying Time Range Working T emperatur e Humidity Certificatio n N Power Co 2900 W Power Co 290	Pressure									
Sterilizatio 105-138? 1 to 6000 minutes	Steel		2x(360x200)			2x(360x280)		;	3x(360x250)	
N Tem Sterilizatio 1 to 6000 minutes 1										
Sterilizatio 1 to 6000 minutes 1 to 6000						105-138?				
n Time Range Range Drying Temp 80 to 140? Drying Time Range 1 to 300 minutes Working T emperatur e Humidity 5 to 45? Certificatio n	n Tem									
Range Drying Temp Time Time Range Prying Time T					1 to	o 6000 minu	tes			
Drying Temp	n Time									
Temp Drying Time Range Working T emperature 5 to 45? Humidity 10 to 85% Certification n 2900 W 4600 W										
Drying Time Range 1 to 300 minutes Working T emperature 5 to 45? Humidity 10 to 85% Certification n 2 3 4600 W						80 to 140?				
Time Range Working T										
Range Working T	Drying				1 t	o 300 minut	es			
Working T	_									
Electrical Requirem ent Electrical Catalogue 58045050 58045100 58045150 58045450 58045350 58045350 58045350 58045350 58045450 58045450 58045450 58045350 58045450 5804										
Humidity	Working T					5 to 45?				
Humidity	emperatur									
Certification - <										
n 2900 W 4600 W 4600 W Power Consumption 660x644x 660x831x980 mm 660x644x 660x831x980 mm 660x831x1180 mm Dimension Page mm 980 mm 980 mm 660x831x980 mm 660x831x1180 mm Electrical Requirem ent 220V,16A, 50/60HZ 220V,32A?50/60HZ 220V,32A?50/60HZ Catalogue 58045050 58045100 58045150 58045200 58045250 58045300 58045350 58045400 58045450						10 to 85%				
Power Co nsumption	Certificatio	-	-	-	-	-	-	-	-	-
nsumption Dimension 660x644x 660x831x980 mm 660x644x 660x831x980 mm 660x644x 660x831x1180 mm Electrical Requirem ent 220V,16A, 50/60HZ 220V,32A?50/60HZ 220V,32A?50/60HZ 220V,32A?50/60HZ Catalogue 58045050 58045100 58045150 58045200 58045250 58045300 58045350 58045400 58045450										
Dimension 660x644x 980 mm 660x831x980 mm 660x644x 980 mm 660x831x980 mm 660x644x 1180 mm 660x831x1180 mm Electrical Requirem ent 220V,16A, 50/60HZ 220V,32A?50/60HZ 220V,32A?50/60HZ 220V,32A?50/60HZ Catalogue 58045050 58045100 58045150 58045200 58045250 58045300 58045350 58045400 58045450			2900 W			4600 W			4600 W	
980 mm 980 mm 1180 mm Electrical Requirem ent 220V,16A, 50/60HZ 220V,32A?50/60HZ 220V,32A?50/60HZ Catalogue 58045050 58045100 58045150 58045200 58045250 58045300 58045350 58045400 58045450										
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Requirem ent Security	Electrical									
ent Catalogue 58045050 58045100 58045150 58045200 58045250 58045300 58045350 58045400 58045450			,							
	Catalogue	58045050	58045100	58045150	58045200	58045250	58045300	58045350	58045400	58045450
	No.	2	2	2	2	2	2	2	2	2

Model	IVA-2200	IVA-2200	IVA-2200	IVA-2400	IVA-2400	IVA-2400	IVA-2600	IVA-2600	IVA-2600	
		С	WC		С	WC		С	WC	
Capacity		60 L			85 L			110 L		
Chamber	4	400x505 mm	1	4	400x700 mm)	4	400x895 mm	Ì	
Capacity										
Materials					SUS 304					
Sterilizatio	Solid cycl	e, Liquid cyc	le, Liquid wi	-		•	ith drying (fo	or WC mode	l),Medical	
n Cycle				waste cy	cle, Customi	zed cycle				
Temperat					0.1?					
ure										
Accuracy										
Melting Te					60 to 100?					
mperature										
Melting				1 to	o 6000 minu	tes				
Time										
Operating					0.27Mpa					
Pressure										
Maximum					0.35Mpa					
Pressure										
Steel		2x(360x200)		:	2x(360x280)		;	3x(360x250)		
Basket										
Sterilizatio	105-138?									



Tama	1											
n Tem				4.1	. 0000	1						
Sterilizatio				1 to	o 6000 minu	ies						
n Time												
Range												
Drying					80 to 140?							
Temp												
Drying				1 t	to 300 minut	es						
Time												
Range												
Working T					5 to 45?							
emperatur												
е												
Humidity					10 to 85%							
Certificatio	-	-	-	-	-	-	-	-	-			
n												
Power Co		2900 W			4600 W			4600 W				
nsumption												
Dimension	660x644x	660x831x	k980 mm	660x644x	660x831	k980 mm	660x644x	660x831x	1180 mm			
	980 mm			980 mm			1180 mm					
Electrical	220	V,16A, 50/60)HZ	220	V,32A?50/60)HZ	220	V,32A?50/60	OHZ			
Requirem												
ent												
Catalogue	58045050	58045100	58045150	58045200	58045250	58045300	58045350	58045400	58045450			
No.	2	2	2	2	2	2	2	2	2			



Vertical Autoclave/Steam sterilizers IVA-3000 Series

Vertical Autoclave/Steam sterilizers IVA-3000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 35 litres, 50 litres, 75 litres and 100 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-3000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries.

Description

Vertical Autoclave/Steam sterilizers IVA-3000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 35 litres, 50 litres, 75 litres and 100 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-3000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries.

- 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: ?± 1°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, overtemperature, and anti-dry heating protection
- Easy to handle, and consistent
- CE And ECM certified
- Applications: Hospital, lab, clinic, pharmaceutical factory, research

Description

Vertical Autoclave/Steam sterilizers IVA-3000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 35 litres, 50 litres, 75 litres and 100 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-3000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries.



- 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: ?± 1°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

Model	IVA-3135	IVA-3150	IVA-3175	IVA-3100			
Capacity	35 L	50 L	75 L	100 L			
Sterilizing Chamber	318×450 mm	340×550 mm	400×600 mm	440×650 mm			
Capacity							
Materials		Stainles	s Steel				
Operating		134	°C				
Temperature							
Temperature Accuracy		?± 1	°C				
Operating Pressure		0.22	Мра				
Maximum Pressure		0.23	Мра				
Adjustment Of		105 to	134°C				
Temperature							
Display		Touch Digi	tal Display				
Time Range		0 to 99 ı	minutes				
Certification		CE And	d 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		AC220\	// 50Hz				
Catalogue No.	580500502	580501002	580501502	580502002			
Catalogue 110.	300300302	300301002	300301302	300302002			

Description

Vertical Autoclave/Steam sterilizers IVA-3000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 35 litres, 50 litres, 75 litres and 100 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-3000 is widely used for sterilisation applications in laboratory, hospitals, and clinics



as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries.

- 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: ?± 1°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

Model	IVA-3135	IVA-3150	IVA-3175	IVA-3100				
Capacity	35 L	50 L	75 L	100 L				
Sterilizing Chamber	318×450 mm	340×550 mm	400×600 mm	440×650 mm				
Capacity								
Materials		Stainles	s Steel					
Operating		134	ŀ°C					
Temperature								
Temperature Accuracy		?± 1	1°C					
Operating Pressure		0.22	Мра					
Maximum Pressure		0.23 Mpa						
Adjustment Of		105 to 134°C						
Temperature								
Display		Touch Digi	tal Display					
Time Range		0 to 99 i	minutes					
Certification		CE And	d 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		AC220\	// 50Hz					
Catalogue No.	580500502	580501002	580501502	580502002				

Model	IVA-3135	IVA-3150	IVA-3175	IVA-3100				
Capacity	35 L	50 L	75 L	100 L				
Sterilizing Chamber	318×450 mm	340×550 mm	400×600 mm	440×650 mm				
Capacity								
Materials		Stainless Steel						
Operating		134	°C					



Temperature									
Temperature Accuracy		?± 1°C							
Operating Pressure		0.22	Мра						
Maximum Pressure		0.23	Мра						
Adjustment Of		105 to	134°C						
Temperature									
Display		Touch Digi	tal Display						
Time Range		0 to 99 ı	minutes						
Certification		CE And	d 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								
Electrical Requirement	-	AC220\	// 50Hz	_					
Catalogue No.	580500502	580501002	580501502	580502002					



Vertical Autoclave/Steam sterilizers IVA-4000 Series

Vertical Autoclave/Steam sterilizers IVA-4000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 35 litres, 50 litres, 75 litres, 120 litres, and 150 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-4000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries.

Description

Vertical Autoclave/Steam sterilizers IVA-4000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 35 litres, 50 litres, 75 litres, 120 litres, and 150 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-4000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries.

- 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: ?± 1°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

Description

Vertical Autoclave/Steam sterilizers IVA-4000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 35 litres, 50 litres, 75 litres, 120 litres, and 150 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-4000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries.



- 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: ?± 1°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

Model	IVA-4030	IVA-4050	IVA-4075	IVA-4100	IVA-4120	IVA-4150
Capacity	35 L	50 L	75 L	100 L	120 L	150 L
Sterilizing	318×450 mm	340×550 mm	400×600 mm	440×650 mm	480×660 mm	510×740 mm
Chamber						
Capacity						
Materials			Stainles	s Steel		•
Operating			134	ŀ°C		
Temperature						
Temperature			?±1	°C		
Accuracy						
Operating			0.22	Мра		
Pressure						
Maximum			0.23	Мра		
Pressure						
Adjustment Of			105°C to	134°C		
Temperature						
Display			Touch Digi	tal Display		
Time Range			0 to 99	minutes		
Certification			CE An	d ECM		
Power	2500 W	3000 W	4500 W	4500 W	6000 W	6000 W
Consumption						
Dimension	480X460×850	520×520×980	560×560×980	590×590×1080	600×640×1140	670×690×1130
	mm	mm	mm	mm	mm	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			AC220'	V/50Hz		
Requirement						
Catalogue No.	580550502	580551002	580551502	580552002	580552502	580553002

Description



Vertical Autoclave/Steam sterilizers IVA-4000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 35 litres, 50 litres, 75 litres, 120 litres, and 150 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-4000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries.

- 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: ?± 1°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

Model	IVA-4030	IVA-4050	IVA-4075	IVA-4100	IVA-4120	IVA-4150
Capacity	35 L	50 L	75 L	100 L	120 L	150 L
Sterilizing	318×450 mm	340×550 mm	400×600 mm	440×650 mm	480×660 mm	510×740 mm
Chamber						
Capacity						
Materials			Stainles	s Steel		
Operating			134	·°C		
Temperature						
Temperature			?±1	°C		
Accuracy						
Operating			0.22	Мра		
Pressure						
Maximum			0.23	Мра		
Pressure						
Adjustment Of			105°C to	134°C		
Temperature						
Display			Touch Digi	tal Display		
Time Range			0 to 99	minutes		
Certification			CE An	d ECM		
Power	2500 W	3000 W	4500 W	4500 W	6000 W	6000 W
Consumption						
Dimension	480X460×850	520×520×980	560×560×980	590×590×1080	600×640×1140	670×690×1130



	mm	mm	mm	mm	mm	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	_	AC220V/50Hz							
Requirement									
Catalogue No.	580550502	580551002	580551502	580552002	580552502	580553002			

Commodi						
Model	IVA-4030	IVA-4050	IVA-4075	IVA-4100	IVA-4120	IVA-4150
Capacity	35 L	50 L	75 L	100 L	120 L	150 L
Sterilizing	318×450 mm	340×550 mm	400×600 mm	440×650 mm	480×660 mm	510×740 mm
Chamber						
Capacity						
Materials			Stainles	ss Steel		
Operating			134	l°C		
Temperature						
Temperature			?±1	°C		
Accuracy						
Operating			0.22	Мра		
Pressure						
Maximum			0.23	Мра		
Pressure				-		
Adjustment Of			105°C to	134°C		
Temperature						
Display			Touch Digi	ital Display		
Time Range			0 to 99	minutes		
Certification			CE An	d ECM		
Power	2500 W	3000 W	4500 W	4500 W	6000 W	6000 W
Consumption						
Dimension	480X460×850	520×520×980	560×560×980	590×590×1080	600×640×1140	670×690×1130
	mm	mm	mm	mm	mm	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			AC220'	V/50Hz		
Requirement						
Catalogue No.	580550502	580551002	580551502	580552002	580552502	580553002



Pulse Vacuum Vertical Autoclave/Steam sterilizers IVA-5000 Series

Pulse Vacuum Vertical Autoclave/Steam sterilizers IVA-5000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 35 litres, 50 litres, 75 litres and 100 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-5000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries.

Description

Pulse Vacuum Vertical Autoclave/Steam sterilizers IVA-5000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 35 litres, 50 litres, 75 litres and 100 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-5000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries.

- 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: ?± 1°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, overtemperature, and anti-dry heating protection
- Easy to handle, and consistent
- CE And ECM certified
- Applications: Hospital, lab, clinic, pharmaceutical factory, research

Description

Pulse Vacuum Vertical Autoclave/Steam sterilizers IVA-5000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 35 litres, 50 litres, 75 litres and 100 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-5000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries.



- 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: ?± 1°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

Model	IVA-5035	IVA-5050	IVA-5075	IVA-5100				
Capacity	35 L	50 L	75 L	100 L				
Sterilizing Chamber	318×450 mm	340×550 mm	400×600 mm	440×650 mm				
Capacity								
Materials		Stainless Steel						
Operating		134	·°C					
Temperature								
Temperature Accuracy		?±1	°C					
Operating Pressure		0.22	Мра					
Maximum Pressure		0.23 Mpa						
Adjustment Of		0 to 134°C						
Temperature								
Display		Touch Dig	ital Displa					
Time Range		1 to 99 r	minutes					
Certification		CE And	d ECM					
Power Consumption	2500 W	3500 W	4500 W	4500 W				
Dimension	600×410×1030 mm	650×410×1140 mm	690×47051140 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		AC220'	V/50Hz					
Catalogue No.	580600502	580601002	580601502	580602002				

Description

Pulse Vacuum Vertical Autoclave/Steam sterilizers IVA-5000 Series are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 35 litres, 50 litres, 75 litres and 100 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-5000 is widely used for sterilisation applications in laboratory, hospitals,



and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries.

- 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: ?± 1°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

Model	IVA-5035	IVA-5050	IVA-5075	IVA-5100				
Capacity	35 L	50 L	75 L	100 L				
Sterilizing Chamber	318×450 mm	340×550 mm	400×600 mm	440×650 mm				
Capacity								
Materials		Stainless Steel						
Operating		134	l°C	,				
Temperature								
Temperature Accuracy		?±1	l°C					
Operating Pressure		0.22	Мра					
Maximum Pressure		0.23 Mpa						
Adjustment Of		0 to 134°C						
Temperature								
Display		Touch Dig	jital Displa					
Time Range		1 to 99 r	minutes					
Certification		CE An	d ECM					
Power Consumption	2500 W	3500 W	4500 W	4500 W				
Dimension	600×410×1030 mm	650×410×1140 mm	690×47051140 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		AC220	V/50Hz					
Catalogue No.	580600502	580601002	580601502	580602002				

Model	IVA-5035	IVA-5050	IVA-5075	IVA-5100			
Capacity	35 L	50 L	75 L	100 L			
Sterilizing Chamber	318×450 mm	340×550 mm	400×600 mm	440×650 mm			
Capacity							
Materials		Stainless Steel					
Operating		134°C					



Temperature								
Temperature Accuracy		?±1°C						
Operating Pressure		0.22	Мра					
Maximum Pressure		0.23	Мра					
Adjustment Of		0 to 1	34°C					
Temperature								
Display		Touch Dig	ital Displa					
Time Range		1 to 99 r	minutes					
Certification		CE And	d ECM					
Power Consumption	2500 W	3500 W	4500 W	4500 W				
Dimension	600×410×1030 mm	650×410×1140 mm	690×47051140 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		AC2201	V/50Hz					
Catalogue No.	580600502	580601002	580601502	580602002				



INDANGO® creen Pulse Vacuum Vertical Autoclave/Steam sterilizers

Touch Screen Pulse Vacuum Vertical Autoclave/Steam sterilizers IVA-6000designed with elevating type door, which is more convenient to place and fetch the objects from the autoclave. Build in 7-inch capacitive touch screen, fully automatically controlled, easy to operate. The whole procedure from water inlet, pulse vacuum, heat, sterilizing, water outlet, exhausting to vacuum drying, which are all automatically by one-key operation. are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 60 litres, 80 litres, 100 litres and 120 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-6000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries.

Description

Touch Screen Pulse Vacuum Vertical Autoclave/Steam sterilizers IVA-6000designed with elevating type door, which is more convenient to place and fetch the objects from the autoclave. Build in 7-inch capacitive touch screen, fully automatically controlled, easy to operate. The whole procedure from water inlet, pulse vacuum, heat, sterilizing, water outlet, exhausting to vacuum drying, which are all automatically by one-key operation. are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 60 litres, 80 litres, 100 litres and 120 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-6000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries.

- With 7-inch touch screen display, fully automatically controlled, easy to operate on
- Automatic water inlet, pulse vacuum, heat, sterilizing, water outlet, exhausting to vacuum drying, operation
- Pulse vacuum pressure 0.080Mpa ensuring accurate sterilizing
- With separated steam generator, which is more energy saving by comparing to the normal heating and prevent the sterilizing objects from been oxidized
- With various programs loaded in the autoclaves for different requirement of different objects
- With PT-TT testing port, easy to run the testing
- Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry

Description

Touch Screen Pulse Vacuum Vertical Autoclave/Steam sterilizers IVA-6000designed with elevating type door, which is more convenient to place and fetch the objects from the autoclave. Build in 7-inch capacitive touch screen, fully automatically controlled, easy to operate. The whole procedure from water inlet, pulse vacuum, heat, sterilizing, water outlet, exhausting to vacuum drying, which are all automatically by one-key operation. are floor standing self-contained sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 60 litres, 80 litres, 100 litres and 120 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-6000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical



industries.

- With 7-inch touch screen display, fully automatically controlled, easy to operate on
- Automatic water inlet, pulse vacuum, heat, sterilizing, water outlet, exhausting to vacuum drying, operation
- Pulse vacuum pressure 0.080Mpa ensuring accurate sterilizing
- With separated steam generator, which is more energy saving by comparing to the normal heating and prevent the sterilizing objects from been oxidized
- With various programs loaded in the autoclaves for different requirement of different objects
- With PT-TT testing port, easy to run the testing
- Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry

Specification

Model	IVA-6	6020	IVA-	6040	IVA -	6060	IVA-	080
Chamber	60)L	80)L	10	0L	12	0L
volume								
Chamber si	396×49	90 mm	396×6	396×650 mm 504×404×502 mm		504×404	×590 mm	
ze								
The height	1310	mm	1590	mm	1475	mm	1565	āmm
after rising								
Working				0.22	MPa			
pressure								
Working				13	4?			
temperature								
Heat				?±	1?			
average								
Timer				0 to 99	minutes			
Temp.				105 to	134?			
Adjustment								
Power	Steam	generator 3.0	KW; Drying 2	2.4 KW	Steam	generator 3.6	KW; Drying 2	2.4 KW
Overall	686x556	k913 mm	686x556x	1035 mm	840x600	k970 mm	840x600x	1060 mm
Dimensions								
Shipping	786x656x	1013 mm	786x656x	1135 mm	940x610x	1000 mm	940x610x	1075 mm
Dimensions								
Net Weight	180	Kg	200	Kg	270	Kg	295	Kg
Gross	210	Kg	230	Kg	300	Kg	325	Kg
Weight								
Electrical R	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
equirement								
S								
Catalogue	580650501	580650502	580651001	580651002	580651501	580651502	580652001	580652002
No.								

Description

Touch Screen Pulse Vacuum Vertical Autoclave/Steam sterilizers IVA-6000designed with elevating type door, which is more convenient to place and fetch the objects from the autoclave. Build in 7-inch capacitive touch screen, fully automatically controlled, easy to operate. The whole procedure from water inlet, pulse vacuum, heat, sterilizing, water outlet, exhausting to vacuum drying, which are all automatically by one-key operation. are floor standing self-contained



sterilizer units that require no plumbing and operate from a standard single-phase power supply. Equipped with an effective air-cooling system for liquid sterilisation. This speeds cooling time by up to 40% compared to standard models. The Iris Vertical Autoclaves are available from 60 litres, 80 litres, 100 litres and 120 litres chamber capacity. All are built with castor wheels as standard making them easy to move. The IVA-6000 is widely used for sterilisation applications in laboratory, hospitals, and clinics as well as for industrial sterilisation applications in biotechnology and pharmaceutical industries.

- With 7-inch touch screen display, fully automatically controlled, easy to operate on
- Automatic water inlet, pulse vacuum, heat, sterilizing, water outlet, exhausting to vacuum drying, operation
- Pulse vacuum pressure 0.080Mpa ensuring accurate sterilizing
- With separated steam generator, which is more energy saving by comparing to the normal heating and prevent the sterilizing objects from been oxidized
- With various programs loaded in the autoclaves for different requirement of different objects
- With PT-TT testing port, easy to run the testing
- Steam-water inner circulation system: no steam discharge, and the environment for sterilizing will be clean and dry

Specification

Model	IVA-6	6020	IVA-	6040	IVA -	6060	IVA-6080		
Chamber	60L		80L		100L		120L		
volume									
Chamber si	396×490 mm		396×650 mm		504×404×502 mm		504×404×590 mm		
ze									
The height	1310 mm		1590 mm		1475 mm		1565mm		
after rising									
Working	0.22MPa								
pressure									
Working	134?								
temperature									
Heat	?±1?								
average									
Timer	0 to 99 minutes								
Temp.	105 to 134?								
Adjustment									
Power	Steam generator 3.0KW; Drying 2.4 KW Steam generator 3.6KW; Drying 2.4 KW						2.4 KW		
Overall	686x556x913 mm		686x556x1035 mm		840x600x970 mm		840x600x1060 mm		
Dimensions									
Shipping	786x656x1013 mm		786x656x1135 mm		940x610x1000 mm		940x610x1075 mm		
Dimensions									
Net Weight	180 Kg		200 Kg		270 Kg		295 Kg		
Gross	210 Kg		230 Kg		300 Kg		325 Kg		
Weight									
Electrical R	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	
equirement									
S									
Catalogue	580650501	580650502	580651001	580651002	580651501	580651502	580652001	580652002	
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Model	IVA-6020	IVA-6040	IVA -6060	IVA-6080
Chamber	60L	80L	100L	120L
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average									
Timer	0 to 99 minutes								
Temp.	105 to 134?								
Adjustment									
Power	Steam	generator 3.0	KW; Drying 2.4 KW		Steam generator 3.6KW; Drying 2.4 KW				
Overall	686x556x913 mm		686x556x1035 mm		840x600x970 mm		840x600x1060 mm		
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Electrical R	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	
equirement									
S									
Catalogue	580650501	580650502	580651001	580651002	580651501	580651502	580652001	580652002	
No.									

