



DENTAL AUTOCLAVE

DENTAL AUTOCLAVE

Unique traceability system identifies load in different clinical and medical grade applications. Effectively sterilizes miscellaneous solid, hollow or porous (wrapped/unwrapped) materials and meets the requirement of today's demanding clinical environment. Automatic sterilization along with safety operating features and drying function makes it a perfect solution for effective and rapid steam sterilization. Innovated to comply with international standards, reliable solution for sterilization needs of reusable equipments.

Used in Medical, Dental, Laboratory, Pharmaceutical, Research.

Also known as Medical Sterilizer, Dental Autoclave, Medical Autoclave, Pre and Post Vacuum Autoclave, Benchtop Autoclave, Benchtop Sterilizer, Benchtop Steam Sterilizer, Laboratory Medical Autoclave.

100 DENTAL AUTOCLAVE



Pre and Post Vacuum Sterilizer

LED Display

High density bacteria filter

5 Preset Sterilization Cycles

Filtered water can also be used

Prion programme available

Printer: Thermal/Stylus

Interface: RS232

Vacuum Helix and Bowie & Dick test passed

ISO & CE 1366 Certified

Safety functions: Over heat, over pressure, low water level indicator, safety door lock system present

SPECIFICATIONS

Model	BADT-101	BADT-102	BADT-103	BADT-104
Capacity	8 L	12 L	18 L	22 L
Sterilization Temperature	121°C, 134°C			
Sterilization Time	0-60 min	4 min - 60 min		
Times of Sterilization after filled up	3-4 times	4 -5 times	3-4 times	
Working Pressure	0.21 - 0.23 MPa			
Pressure Sensor	Yes			
Precision of Pressure Sensor	0.1 KPA			
Precision of Temperature Sensor	0.1°C			
Maximum Vacuum in Bar	0.82		-	-
Water supply system	Manual			
Quantity of clean water tank	1		-	-
Quantity of waste water tank	1		-	-
Water drain pipe	1		-	-
Quantity of water pump	1		-	-
Water Tank	2 x 1.5L Internal Stainless Steel water tanks			
Quantity of steam generator	1		-	-
Quantity of vacuum pump	1		-	-
Type of vacuum pump	Double head		-	-
Water Filter	1		-	-

Vapour Filter	Yes			
Temperature Sensor	Yes			
Automatic protection when overpressure	Yes			
Automatic protection when over temperature	Yes			
Bacteria Filter	1	-	-	
Fuse	2	-	-	
Lock system of door	Mechanic + Electrical lockers			-
Screen size	2.5 x 2cm, 3.8x 2 cm	6 x 4.25 cm	2.5 x 2cm, 3.8x 2 cm	
Life span	5 years			
Hot air exhaust system	Copper condenser, fan			
121°C Solid	Yes			
121°C Porous	Yes			
121°C Hollow	Yes			
134°C Solid	Yes			
134°C Porous	Yes			
134°C Hollow	Yes			
B&D Test	Yes			
Helix Test	No	Yes	No	
Vacuum Test	Yes			
Clean Program	No	Yes	No	
Prion Program	No	Yes	No	
User Define	No	Yes	No	
Chamber Dimension	500x1000 mm	200x360 mm	250x350 mm	250x450 mm
Diameter of chamber	170 mm	200 mm	250 mm	
Depth of chamber	320 mm	360 mm	350 mm	450 mm
Inner Dimension	535 X 365 X 320 mm	780 x 500 x 430 mm	660 X 445 X 390 mm	700 X 445 X 390 mm
Overall Dimension (LxWxH)	1000x600x1200 mm	660x445x390 mm		700x445x390 mm
Minimum size of table for installation	350 X 280 mm	540 x 415 mm	460 X 320 mm	480 X 320 mm
Weight	34/40 kg	59/70 kg	48/56 kg	43/52 kg
Power	7500 W	1700 W		
Power Supply	220 V, 60Hz			
Packing Size	-	-	720 x 500 x 495 mm	790 X 500 X 495 mm
Chamber Material	-	-	Stainless Steel 304	
Plug	-	-	3 hole plug	
Sterilization programs	-	-	Yes/No	
Tray	-	-	-	3

OPTIONAL ACCESSORIES

Accessory Code	Name	Unit
1700606006	Ring	1
1700606007	Inner temperature sensor	1
1700606008	pt1000	1
1700606009	pt1000 (packing with plastic)	1
1700606010	Heating circle	1
1700606011	Steam generator cover	1Set

Accessory Code	Name	Unit
1700606019	Three-way solenoid valve	2
1700606020	Germ-tight filter	1
1700606021	Voltage transformer	1
1700606022	switch	1
1700606023	Bleeder valve	2
1700606024	Fan	1

1700606012	Steam generator stand	1Set
1700606013	Steam generator spring type gasket	1
1700606014	Heating Rod	3
1700606015	Water Pump	1
1700606016	Vacuum Pump	1
1700606017	Fuse Wire	2
1700606018	Normally closed solenoid valve	3

1700606025	Printer	1
1700606026	Control panel	1set
1700606027	LED	1set
1700606028	Big Pipe	1Kg
1700606029	Small Pipe	1kg
1700606030	Liquid sensor	3
1700606031	Electromagnet	1



BADT-101



BADT-102



BADT-103



BADT-104

400 DENTAL AUTOCLAVE



water supply system: 3L water storage tank, 3L waste water tank

Cleaning program: Can automatically clean internal pipelines and steam generators

Sterilization room configuration: 5 layers, 3 trays

European Class B standard, in line with EN13060 safety test, with three-pulsation vacuum drying function

Suitable for all kinds of packaged, unpackaged, and solid Disinfection and sterilization of instruments with pipelines inside

Fully computer controlled, using advanced 16-bit microprocessor, the operation is easy to handle

The jet steam generator ensures that the temperature and pressure in the pot are more uniform and the disinfection is more thorough

The waste water tank is full of water alarm system, which avoids the possibility of recycling waste water and makes disinfection more meaningful

Clear digital display and perfect fault detection and alarm system allow you to keep track of the machine status at any time

The door is protected by double interlocking, there is pressure in the cavity, the door cannot be opened, and it is safer to use

Optional built-in printer to record the disinfection process and date

SPECIFICATIONS

Model	BADT-401	BADT-404
Capacity	12 L	23 L
Sterilization Temperature	121°C, 134°C	
Vacuum degree	-0.09Mpa	
Residual humidity	<0.2%	
121°C Solid	Yes	
121°C Porous	Yes	
121°C Hollow	Yes	
134°C Porous	Yes	

134°C Hollow	Yes	
B&D Test	Yes	
Helix Test	Yes	
Vacuum Test	Yes	
Special sterilization	Inactivate AIDS (HV), hepatitis B (HBV), mad cow virus and spores	
Drying program	Strong vacuum drying, the remaining equipment humidity <0.2%	
Penetration test	Yes	
Chamber Dimension	Ø200x360 mm	Ø249x450 mm
Overall Dimension (LxWxH)	445x550x395 mm	445x640x395 mm
Packing Size	670x550x500 mm	720x520x500 mm
Safety valve	Yes	
Pressure lock	Yes	
Fault self-check system	Yes	
Sterilization record	Optional USB , printer (built-in or external) to record the sterilization process and date	
Display	LCD display	
Door	Double locking door system	
Weight	46 kg	53 kg
Power	1800 W	2000 W
Power Supply	AC220V/110V±10%	
50/60Hz±1Hz	Printer	



BADT-401



BADT-404

400 DENTAL AUTOCLAVE



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Optional built-in printer to record the disinfection process and date

Chamber Material: Stainless Steel 304

Safety valve x1, Tray x3, Handle for tray holder x1, Tray holder x1

SPECIFICATIONS

Model	BADT-402	BADT-403
Capacity	16 L	18 L
Sterilization Temperature	121°C, 134°C	
Vacuum degree	-0.09Mpa	
Residual humidity	<0.2%	
121°C Solid	Yes	
121°C Porous	Yes	
121°C Hollow	Yes	
134°C Porous	Yes	
134°C Hollow	Yes	
B&D Test	Yes	
Helix Test	Yes	
Vacuum Test	Yes	
Special sterilization	Inactivate AIDS (HV), hepatitis B (HBV), mad cow virus and spores	
Drying program	Strong vacuum drying, the remaining equipment humidity <0.2%	
Penetration test	Yes	
Chamber Dimension	Ø230x360 mm	Ø249x355 mm
Overall Dimension (LxWxH)	445x550x395 mm	
Packing Size	670x550x500 mm	
Safety valve	Yes	
Pressure lock	Yes	
Fault self-check system	Yes	
Sterilization record	Optional USB , printer (built-in or external) to record the sterilization process and date	
Display	LCD display	

Door	Double locking door system	
Weight	47 kg	48 kg
Power	1800 W	
Power Supply	AC220V/110V±10%	
50/60Hz±1Hz	Printer	



BADT-402



BADT-403

500 DENTAL AUTOCLAVE

Fast and simple operation, Open water tank
 Open storage tank, waste water tank, easy to clean
 Concealment type interface
 Drain valve, output interface conceal
 Each interface front cover is open, easy to operate
 Chamber material is Stainless Steel (#304)
 Test the pot body tightness
 Built-in printer: The disinfection process date and data automatically printed
 USB: Built-in USB interface, End of the work, the information stored in the U disk automatically
 Automatic identification of fault protection system, Safe and fast judgment fault
 Semi-automatic fault identifying system
 3 pulsating vacuum
 Suitable for sterilizing wrap, unwrap, solid, porous, hollow device
 Use imported & advanced 16-bit microprocessor, easy to operate
 The jet type of steam generator, ensure the efficient sterilization
 With alarm system for waste water tank, avoid the waste water to enter into the sterilizing circulation
 Advanced self-test system ensure you get the working data freely
 The steam generator cleaning procedures, Clean the machine lines automatically every 30 times to avoid jams
 Open water tank, Avoid growing chloride toxins
 Alarm: Storage tank water shortage, waste water tank filled with water
 Powerful cooling system, Effective condensing steam automatic electronic security door lock

SPECIFICATIONS

Model	BADT-501	BADT-502
Capacity	18 L	23 L
Sterilization Temperature	121°C, 134°C	
Vacuum degree	-0.09Mpa	

Steam leakage test	Yes	
Residual humidity	<0.2%	
121°C Solid	Yes	
121°C Porous	Yes	
121°C Hollow	Yes	
134°C Porous	Yes	
134°C Hollow	Yes	
B&D Test	Yes	
Vacuum Test	Yes	
Penetration test	Yes	
Chamber Dimension	Ø249x355mm	Ø249x450mm
Overall Dimension (LxWxH)	470x500x630 mm	
Packing Size	545x580x720 mm	
Display	LCD display	
Door	Manual door lock	
Weight	57 / 70 kg	59 / 72 kg
Power	1800 W	2000 W
Power Supply	AC220V/110V±10%	
50/60Hz±1Hz	Printer	

600 DENTAL AUTOCLAVE



Fast and simple operation, Open water tank
 Open storage tank, waste water tank, easy to clean
 Concealment type interface
 Drain valve, output interface conceal
 Each interface front cover is open, easy to operate
 Chamber material is Stainless Steel (#304)
 Test the pot body tightness
 Built-in printer: The disinfection process date and data automatically printed
 USB: Built-in USB interface, End of the work, the information stored in the U disk automatically
 Automatic identification of fault protection system, Safe and fast judgment fault
 Semi-automatic fault identifying system
 3 pulsating vacuum
 Suitable for sterilizing wrap, unwrap, solid, porous, hollow device
 Use imported & advanced 16-bit microprocessor, easy to operate
 The jet type of steam generator, ensure the efficient sterilization
 With alarm system for waste water tank, avoid the waste water to enter into the sterilizing circulation
 Advanced self-test system ensure you get the working data freely
 The steam generator cleaning procedures, Clean the machine lines automatically every 30 times to avoid jams
 Open water tank, Avoid growing chloride toxins
 Alarm: Storage tank water shortage, waste water tank filled with water
 Powerful cooling system, Effective condensing steam automatic electronic security door lock

SPECIFICATIONS

Model	BADT-601	BADT-602	BADT-603
Capacity	18 L	23 L	29 L
Sterilization Temperature	121°C, 134°C		
Vacuum degree	-0.09Mpa		
Steam leakage test	Yes		
Residual humidity	<0.2%		
121°C Solid	Yes		
121°C Porous	Yes		
121°C Hollow	Yes		
134°C Porous	Yes		
134°C Hollow	Yes		
B&D Test	Yes		
Vacuum Test	Yes		
Penetration test	Yes		
Chamber Dimension	Ø249x355 mm	Ø249x450 mm	Ø319x365 mm
Overall Dimension (LxWxH)	470x500x630 mm		535x560x630 mm
Packing Size	545x580x720 mm		620x650x900 mm
Display	LCD display		
Door	Automatic locking mechanism		
Weight	57 / 70 kg	59 / 72 kg	89 / 114 kg
Power	1800 W	2000 W	
Power Supply	AC220V/110V±10%		
50/60Hz±1Hz	Printer		



BADT-601



BADT-602

700 DENTAL AUTOCLAVE



Fast and simple operation, Open water tank
 Open storage tank, waste water tank, easy to clean
 Concealment type interface
 Drain valve, output interface conceal
 Each interface front cover is open, easy to operate
 Chamber material is Stainless Steel (#304)
 Test the pot body tightness
 Built-in printer: The disinfection process date and data automatically printed
 USB: Built-in USB interface, End of the work, the information stored in the U disk automatically
 Automatic identification of fault protection system, Safe and fast judgment fault
 Semi-automatic fault identifying system
 3 pulsating vacuum
 Suitable for sterilizing wrap, unwrap, solid, porous, hollow device
 Use imported & advanced 16-bit microprocessor, easy to operate
 The jet type of steam generator, ensure the efficient sterilization
 With alarm system for waste water tank, avoid the waste water to enter into the sterilizing circulation
 Advanced self-test system ensure you get the working data freely
 The steam generator cleaning procedures, Clean the machine lines automatically every 30 times to avoid jams
 Open water tank, Avoid growing chloride toxins
 Alarm: Storage tank water shortage, waste water tank filled with water
 Powerful cooling system, Effective condensing steam automatic electronic security door lock

SPECIFICATIONS

Model	BADT-701	BADT-702
Capacity	18 L	23 L
Sterilization Temperature	121°C, 134°C	
Vacuum degree	-0.09Mpa	
Steam leakage test	Yes	
Residual humidity	<0.2%	
121°C Solid	Yes	
121°C Porous	Yes	
121°C Hollow	Yes	
134°C Porous	Yes	
134°C Hollow	Yes	
B&D Test	Yes	
Vacuum Test	Yes	
Penetration test	Yes	
Chamber Dimension	Ø249x355mm	Ø249x450mm
Overall Dimension (LxWxH)	471x505x540 mm	471x505x640 mm
Display	7" full-color touch LCD screen	
Door	Automatic locking mechanism	

Weight	60 kg	65 kg
Power	1800 W	2000 W
Power Supply	AC220V/110V±10%	
50/60Hz±1Hz	Printer	



BADT-701



BADT-702



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