



BENCHTOP AUTOCLAVE BJU-10401

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CLASS N BENCHTOP AUTOCLAVE

Benchtop Class N Autoclave uses saturated steam as the sterilization medium, exhausts the cold air by gravity. So that the saturated steam fully penetrates the surface of the items. By utilizing high-temperature saturated steam under high pressure, it effectively kills all microorganisms and their spores, providing reliable sterilization results. It is considered one of the most effective methods among physical sterilization techniques.



Multi Safety Features

Overheat protection: automatically cutting off heating with audible and visual alarms when the autoclave is overheated.

Electric interlock safety : preventing from starting a cycle if the door is not properly locked or from opening if the chamber is pressurized or the power is disconnected.

Anti-burning protection:

Door-temperature interlock safety: preventing explosion of liquids if the liquid's temperature is not cooled down the safe limit (20 °C lower than the local boiling point).

Automatically cutting off heating with audible and visual alarming when the autoclave is lacking water.

SPECIFICATIONS

Model	BJU-10401
Capacity	45L
Sterilization Temperature	105-136°C
Working Pressure	0.23 MPa
Features	
External Size (WxDxH)	870 x 600 x 520 mm
Chamber Size (ØxH)	316 x 590 mm
Chamber Material	SUS304
Designed Temperature	150°C
Max. Working Temperature	136°C
Temp. Accuracy	0.1°C
Temp. Uniformity	±0.5°C
Designed Pressure	0.3 MPa
Sterilization Time Range	0.23 MPa
Temp. Controller	PID control by microprocessor
Display	LCD touch screen
Drying Function	YES
Drying Time	15 min
Sterilization Program	• Dressings/Fabric program • Medical instrument program • Rubber program • Liquid program • DIY program
Consumption	Built-in water tank
Power Supply	3.6 kW
Standard Sterilization Shelf	AC 220/110 V, 50/60 Hz
Water Injection Method	1 pcs SS shelf
Optional Accessory	Printer
Net Weight	65 kg
Gross Weight	120 kg
Shipping Size (WxDxH)	1150 x 700 x 700 mm
Alt Name	Class N Benchtop Autoclave

FEATURES

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Anti-burning protection:

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Automatically cutting off heating with audible and visual alarming when the autoclave is lacking water.

Steam pressure safety valve: automatically works when the chamber pressure exceeds the limit.

Electrical circuit safety device for over-current and shortcut protection.

Automatic operation of sterilization (heating, sterilization, steam discharge and drying) can be easily set and monitored by the LCD touch screen.

Built-in steam generators prevent the media from contamination.

Buzzer for working errors and the end of the cycle.

Automatic atmospheric pressure adjustment for the installation and operation in plateau areas.

Standard with printer, real-time record sterilization process, error and alarm information.

APPLICATIONS

It is widely used in fields such as pharmaceuticals, biotechnology, and laboratories for sterilizing items. such as dressing/fabrics, medical instruments, rubber, and liquids.



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