# Vertical Autoclave



BKQ-B50/75/100/120II          BKQ-B150/200II

## Application Range:

There are 5 fixed programs and 2 DIY programs according to different sterilization objects such as dressings, equipment, tools, rubber, liquid, culture medium, waste, etc.

## Safety Features:

∗ Over pressure: safety valve can automatically open to release pressure.

∗ Over temperature: the system will power off automatically.

∗ Door sensor: Sensor at door closing position, to check the door status. If door is open, operation will stop.

∗ Anti-dry out function: If water level is too low, system will power off and error code displays on screen.

∗ Over current: over voltage or electric leakage protection apparatus-air switch.

∗ Door cover: The door is covered with safety shell made of thermal insulation material, which can protect operator from burning by heat and looks nice.

## Technical Features:

∗ Water inlet filter to keep high water quality (except BKQ-B150/200II).
∗ Optional printer for recording sterilization data.
∗ LED screen displays all steps of full process as well as error codes.
∗ Independent quick service window, easy for repairing and maintenance.
∗ Automatic selecting quick or low exhaust to avoid sterilization liquid overflowing.
∗ Sterilization programs for dressings, equipment, rubber, culture medium, waste, etc.
∗ Hand wheel type of quick-open door structure, self-expandable sealing ring, easy operating and safe.
∗ Complete process of filling water, dynamic pulse exhaust, heating, sterilizing and draining runs automatically.
∗ Adopting certain temperature (98~102℃) exhaust method and dynamic pulse exhaust method to completely empty the cold air inside chamber for ensuring steam saturability.
∗ Inner stainless steel water tank for water and steam to circulate inside. Steam does not exhaust during sterilization, so as to keep the outside clean and dry (except BKQ-B150/200II).
∗ Drying function (except BKQ-B150/200II).
∗ Optional stainless steel bucket (except BKQ-B150/200II).
∗ Standard 1 pcs stainless steel tray(except BKQ-B150/200II).

## Technical Parameters:

| Model | BKQ-B50II | BKQ-B75II | BKQ-B100II | BKQ-B120II | BKQ-B150(II) | BKQ-B200(II) |
|---|---|---|---|---|---|---|
| Capacity | 50L | 75L | 100L | 120L | 150L | 200L |
| Chamber Size(mm) | φ386*514 | φ386*695 | φ386*875 | φ386*1055 | φ500*760 | φ500*1000 |
| Basket | φ365*360mm, 1 pc | φ365*265mm, 2 pcs | φ365*360mm, 2 pcs | φ365*360mm,1 pc φ365*265mm,2 pcs | φ470*230mm, 3 pcs | φ470*230mm, 4 pcs |
| Chamber Material | S30408 | | | | | |
| Designed Pressure | 0.28Mpa | | | | 0.217Mpa | |
| Designed Temp | 134℃ | | | | 138℃ | |
| Working Pressure | 0.23MPa | | | | 0.217MPa | |
| Working Temp. | 105~136℃ | | | | 50~134℃ | |
| Temp. Display Accuracy | 0.1℃ | | | | | |
| Timing Range | 0~999min | | | | 0~99h | |
| Dynamic Pulse Exhaust Times | 0~9 times | | | | / | |
| Dynamic Pulse Exhaust Temp. | 105~136℃ | | | | | |
| Temp. Holding Range | 45~60℃ (programmable) | | | | 50~100℃ (programmable) | |
| Consumption | 4.4kW | 4.7kW | 5.2kW | 5.2kW | 6kW | |
| Power Supply | AC110/220V±10%, 50/60Hz | | | | 380V, 50Hz/220V, 50/60Hz | |
| Standard SS Basket | 1 pc | 2 pcs | 2 pcs | 3 pcs | 3 pcs | 4 pcs |
| External Size(W*D*H)mm | 640*550*980 | 640*550*1080 | 640*550*1280 | 640*550*1380 | 650*650*1400 | 650*650*1700 |
| Package Size(W*D*H)mm | 750*745*1100 | 750*745*1240 | 750*745*1450 | 750*745*1540 | 800*760*1530 | 800*760*1720 |
| Gross Weight(kg) | 102 | 112 | 125 | 140 | 213 | 238 |

Note: It is applicable to the altitude below 3,000m