# Hand Wheel Vertical Autoclave

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

## Application Range:

There are 5 fixed programs and 4 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-B150/200(II)).
* 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, draining and drying 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-B150/200(II)).

## Technical Parameters:

| Model | BKQ-B50(II) | BKQ-B75(II) | BKQ-B100(II) | BKQ-B120(II) | BKQ-B150(II) | BKQ-B200(II) |
|---|---|---|---|---|---|---|
| Capacity | 50L | 75L | 100L | 120L | 150L | 200L |
| Chamber Size(mm) | φ386*500 | φ386*682 | φ386*875 | φ386*1055 | φ500*760 | φ500*1000 |
| Chamber Material | 304 medical stainless steel | | | | | |
| Max Designed Pressure | 0.28Mpa | | | | | |
| Max Designed Temp | 150℃ | | | | | |
| Working Pressure | 0.175MPa | | | | 0.217MPa | |
| Working Temp. | 105~136℃ | | | | 50~134℃ | |
| Temp. Accuracy | ±0.1℃ | | | | | |
| Timing Range | 0~999min | | | | | |
| Dynamic Pulse Exhaust Times | 0~9 times | | | | | |
| Dynamic Pulse Exhaust Temp. | 105~134℃ | | | | | |
| Dissolution Temp. Range | 60~100℃(programmable) | | | | | |
| Temp. Holding Range | 40~60℃(programmable) | | | | | |
| Power Supply | AC110/220V, 50/60Hz | | | AC220V, 50/60Hz | 380V, 50Hz | |
| Power Consumption | 4.4KW | 4.7KW | 5.2KW | 5.2KW | 6KW | |
| SS Basket | 1 pc | 2 pcs | 2 pcs | 3 pcs | 3 pcs | 4 pcs |
| External Size(mm) | 550*640*970 | 550*640*1070 | 550*640*1270 | 550*640*1370 | 715*720*1350 | 715*720*1550 |
| Package Size(mm) | 765*700*1150 | 765*700*1260 | 765*700*1450 | 765*700*1650 | 760*800*1500 | 760*800*1690 |
| Gross Weight(kg) | 110 | 114 | 135 | 160 | 230 | 260 |