

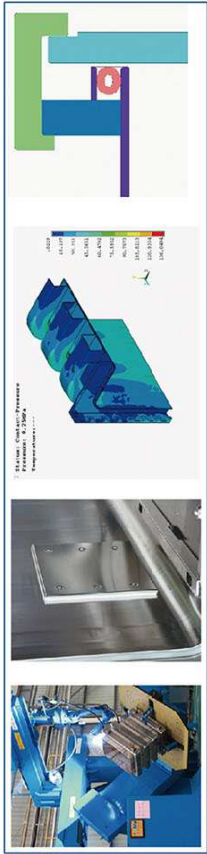
Large Horizontal Autoclave



Features:

Superb chamber machining and welding process

The acid-proof stainless steel chamber and jacket are automatically robot-welded to guarantee long time and trouble-free operation.



Nice chamber surface

Surface smoothness, Ra<0.5; No welding part or bolt in the chamber which effectively protect the items to be sterilized. Steam baffle plates are surrounded by silicon rubber protecting the chamber surface.

Reliable and durable chamber

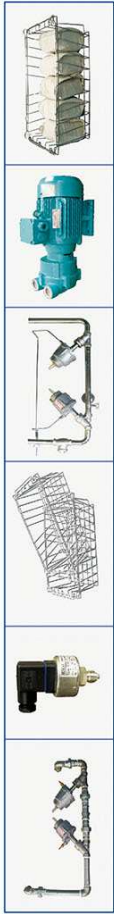
Chamber is designed according to professional analytical method. High-emulation software ANSYS is used for chamber simulation. Design service life: 10 years (or 20000 times sterilization)

Reasonable sealing structure

Compact designed sealing groove, durable circular hollow silicon gasket, sealed by compressed air.

Hanged door automatically

The door is driven by a motor automatically, stable and easy operation. Door concave-convex tooth structure ensures its safety and durability.



Imported configuration for the pipe system Pressure transmitter imported from Germany Optional basket Stainless steel health-class pipe stain less steel imported pneumatic valve Vacuum pump Loading by basket

Precise pressure detecting and control

Intelligent pressure transmitters, Wika(Germany), ensure steam pressure detecting and control both in Chamber and jacket.

Unique vacuum noise-reduction system

LNS low-noise and water-saving vacuum system, effective reduced the noise during running.

Humanized operation system

Colorful touch screen on loading-side, 6 indicating lamps on unloading sides, which are concise, vivid and exactly showing sterilizing running status and alarming information.

Reasonable pipeline layout

All the popes, calves and components are designed and installed in single side, which is more convenience for repair and maintenance. The sterilizers can be installed against the wall and also, two sterilizers can use the same maintenance space to save installation space.

Scientific Design Parameters, Wide Scope of Application:

Item	Chamber	Jacket
Design Pressure (Mpa)	-0.1/0.3	0.3
Design Temperature (°C)	144	144
Working Pressure (Mpa)	-0.1/0.25	0.25
Max Working Temperature (°C)	139	139
Safety Valve Open Pressure	0.28	0.28

Loading-side Panel:



7.0" SIEMENS color display touch screen
CPU226 SIEMENS PLC as central processor

Display Information:

A variety of program:

- * Jacket pressure P1
- * Chamber pressure P2
- * Chamber temperature T2
- * Door operation
- * Printer ON/OFF
- * Operator ID and password
- * Alarm display and record
- * Program selection
- * System parameter setting
- * Manual operation
- * Cycle process and values in real time

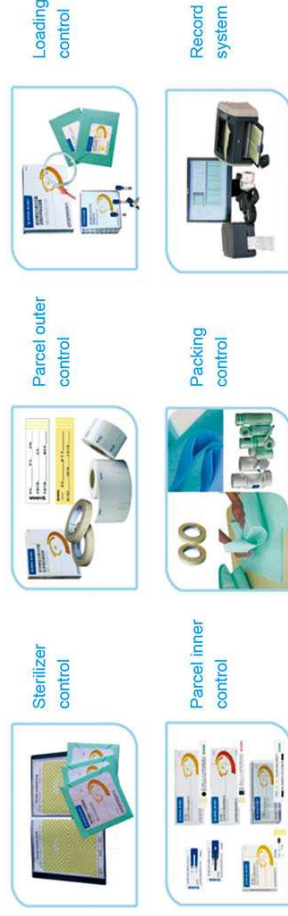
Unloading-side Panel:



Humanistic indicating system:

- * Back door closing indicating lamp
- * Back door closed lamp
- * Cycle running lamp
- * Cycle end indicating lamp
- * Breakdown indicating lamp
- * Power lamp

Sterilization consumables:



Technical Parameters:

Model	Volume	Chamber Size (W*H*L)	External Size (W*H*L)	Net Weight	Power Consumption	Power Supply
BKQ-140D-A	146L	420*420*830mm	1290*1680*1050mm	425 Kg	2.5KW	380V, 50Hz
BKQ-140DD-A				525 Kg	18KW	
BKQ-140S-A			1290*1680*1100mm	510 Kg	2.5KW	
BKQ-140SD-A				610 Kg	18KW	
BKQ-240D-A	241L	600*600*740mm	1370*1880*950mm	580 Kg	2.5KW	380V, 50Hz
BKQ-240DD-A				660 Kg	24KW	
BKQ-240S-A			1370*1880*1000mm	660 Kg	2.5KW	
BKQ-240SD-A				720 Kg	24KW	
BKQ-350D-A	352L	600*600*980mm	1215*1880*1190mm	780 Kg	2.5KW	380V, 50Hz
BKQ-350DD-A				880 Kg	24KW	
BKQ-350S-A			1215*1880*1240mm	860 Kg	2.5KW	
BKQ-350SD-A				960 Kg	24KW	
BKQ-350D-B			1215*1880*1190mm	880 Kg	2.5KW	
BKQ-350DD-B				1000 Kg	24KW	
BKQ-350S-B	960 Kg	1215*1880*1240mm	1215*1880*1240mm	960 Kg	2.5KW	380V, 50Hz
BKQ-350SD-B				1080 Kg	24KW	
BKQ-650D-B	655L	610*910*1180mm	1310*2070*1370mm	1170 Kg	4KW	380V, 50Hz
BKQ-650DD-B				1270 Kg	46KW	
BKQ-650S-B			1310*2070*1420mm	1270 Kg	4KW	
BKQ-650SD-B				1370 Kg	46KW	
BKQ-810D-B	810L	610*910*1460mm	1310*2070*1650mm	1260 Kg	4KW	380V, 50Hz
BKQ-810DD-B				1360 Kg	61KW	
BKQ-810S-B			1310*2070*1700mm	1360 Kg	4KW	
BKQ-810SD-B				1480 Kg	61KW	
BKQ-990D-B	999L	610*910*1800mm	1310*2070*1990mm	1300 Kg	4KW	380V, 50Hz
BKQ-990DD-B				1400 Kg	61KW	
BKQ-990S-B			1310*2070*2040mm	1400 Kg	4KW	
BKQ-990SD-B				1500 Kg	61KW	
BKQ-1200D-B	1203L	680*1180*1500mm	1450*1990*1710mm	1950 Kg	5KW	380V, 50Hz
BKQ-1200S-B			1450*1990*1760mm	2050 Kg	5KW	
BKQ-1500D-B	1500L	680*1180*1870mm	1450*1990*2080mm	2111 Kg	5KW	380V, 50Hz
BKQ-1500S-B			1450*1990*2130mm	2211 Kg	5KW	

Model	Meaning
350	Chamber volume(L)
S/D	Door: S-double door, D-single door
No marks/D	Steam supply: no marks-outer steam supply(optional); D-built-in steam generator
A/B	Installation: A-Shelf loading, B-Loading by cart and trolley