

# icanCLAVE

**Table Top Autoclave  
"Icanclave" Series K & D & T**



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# About Us

As a professional manufacturer for the autoclaves & steam sterilizers, Ningbo Ican Machines Co.,Ltd provides solution for various markets and application where needs an offer a wide range of innovative cleaning and sterilization products.

Our brand "icanclave" autoclaves have many different size and series which including variety of table top autoclaves for dental clinics or as a second unit in medical centers and hospitals , Veterinarian clinics, Laboratories, tattoo & piercing studios, beauty salons, pedicure parlor and so on.

"Icanclave" autoclaves series K & D & T are our newest and superior grade design , which has higher-precision control systems and also fashion exterior.

Series K is a Class N autoclave which do not feature a vacuum cycle , which suitable sterilizing for unwrapped solid instruments and liquids.

Series D is a class B autoclave which is defined by a pre vacuum cycle, used to sterilize all loads including solids, type A hollow instruments, type B hollow instruments, porous loads and wrapped instruments.

Series T is a class B autoclave, which is extended version of the Series D autoclave mentioned above. The chamber has been extended in length, which allows this autoclave to sterilizer long instruments reached 600mm which many not fit inside other models.

Table Top Autoclave  
"Icanclave" Series K & D & T



## Products follow the directives and standards

- Complies with Medical Devices Directives 93/42/EEC,
- Complies with the requirements of standard EN 13060 "small steam sterilizers" ,
- Complies with safety requirements according to standard EN61010-1, EN61010-2-040,
- Complies with safety requirements according to standard.
- UL 61010-1, IEC 61010-2-040,
- Complies with EMC directive 2004/108/EC, according to standard EN 61326, EN61000
- Complies with Pressure Equipment Directive (PED) 97/23/EC, according to standard EN 764-1, EN 764-5, EN764-7
- Applies with quality management system EN13485:2012/AC:2012,
- Applies with quality management system ISO13485:2003,





## 6 SAFETY

1. Double door protection system prevents the cycle from starting if the door is not correctly locked. This system also prevents the door from opening if pressure inside the chamber is not equal to atmospheric pressure outside the chamber;
2. Pressure safety valve prevent over pressure in the chamber and steam generator;
3. The power is automatically cut if a short circuit or electrical fault occurs;
4. Able to detect and identify the exact cause of any problem, and to issue a specific error code to the operator;
5. Water level switch of water tank controlling the min and max water level;
6. Automatic warning for maintenance.



## LCD Displaying

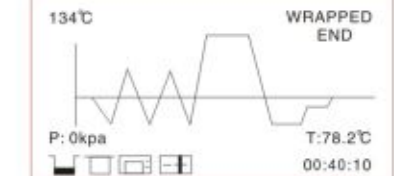
WRAPPED  
134°C / 4.0MIN  
08-08-03  
P: 0kpa t: 55.2°C  
09:10:08

Program  
Basic Set  
Info. Output

DRYING  
B&D TEST  
HELIX TEST  
VACUUM TEST

- Distilled Water Tank Is Lacking Of Water.
- Used Water Tank Is Full.
- Printer Is Disconnected If It Is Dlinking.
- Door Locked.

SOLID(121°C)  
SOLID(134°C)  
WRAPPED(121°C)  
WRAPPED(134°C)



## 9 Main Feature

1. It is fully automatic table top autoclave with pre set programs, with high-precision temperature and pressure controlling;
2. The class B autoclaves complies with European standard En13060;
3. In built independent rapid steam generator ensures quick sterilization cycles;
4. User friendly interface;
5. LCD screen displaying time, temperature and pressure, process alert and instrument conditions;
6. Choice of language settings including : English, Spanish, German, Polish, French, Magyar, Romanian, Dutch, Lithuanian, Latvian, Czech , Italian and Chinese;
7. Easily accessible water tank.;
8. Liquid sterilization program optional;
9. Extra drying program optional;

## Documentation

1. Internal printer prints detailed sterilization data automatically in multiple languages;
2. A USB port is used for connecting a usb stick, all sterilization data are automatically written in the usb stick and can be read directly in any pc and stored electronically ;
3. The last 20 cycles can be automatically stored in the Autoclave system, which can be printed out at any time.

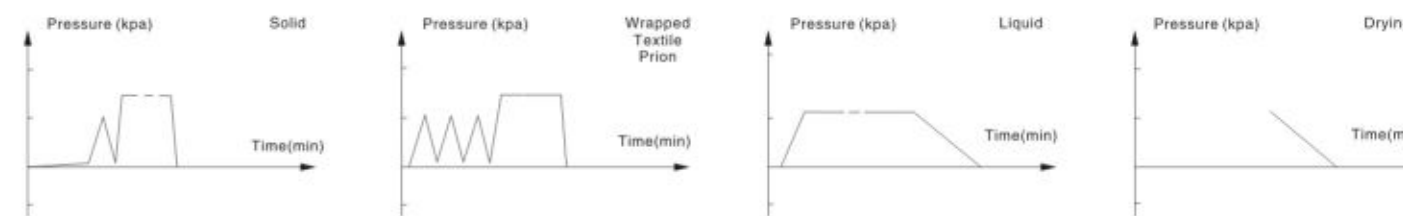




## Pre-programmed Cycles

### Class N Autoclaves (STE-18-K & STE-23-K)

Pograms	Temperature°C	Pressure Kpa	Holding Time ( min )	Total Time(min)
Solid	134	210	4	25-45
	121	110	20	30-60
Wrapped	134	210	4	35-60
	121	110	20	35-65
Liquid	134	210	10	35-60
	121	110	30	35-65
Textile	134	210	8	45-65
	121	110	30	50-75
Prion	134	210	18	45-70
Drying	/	/	/	1-20



## Sterilization Record

Program: WRAPPED  
 Temperature: 134C  
 Pressure: 206.0kpa  
 Drying Time: 08Min  
 Holding Time: 4.0Min

	Timp.	Temp.	Pressure
Start	12:28:17	08 9.0C	
T1:	12:31:32	08 7.1C	-075.0kpa
T2:	12:33:43	110.2C	052.0kpa
T3:	12:36:37	088.9C	-080.0kpa
T4:	12:39:20	114.7C	053.7kpa
T5:	12:43:37	087.9C	-080.0kpa
T6:	12:50:40	134.8C	206.0kpa
TS:		134.7C	209.5kpa

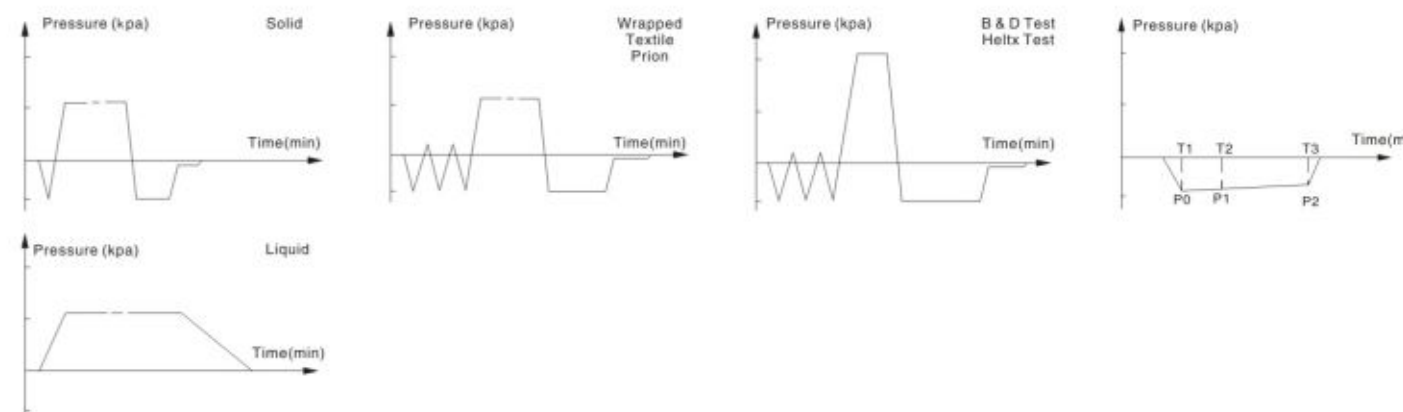
Max. Temperature: 135.2C  
 Min. Temperature: 134.3C  
 Max. Pressure: 214.0kpa  
 Min. Pressure: 204.9kpa

T7:	12:54:39	134.4C	211.4kpa
T8:	12:57:36	102.1C	-060.0kpa
T9:	12:59:54	098.2C	-060.0kpa
End	13:04:07	102.4C	

Cycle No.: 00017  
 Ster. Value: Success  
 Date: 2014-06-07  
 SN: E54723  
 Operator:

### Class B Autoclaves (STE-18-D STE-23-D & STE-23-T)

Pograms	Temperature°C	Pressure Kpa	Holding Time ( min )	Total Time(min)
Solid	134	210	4	25-45
	121	110	20	30-60
Wrapped	134	210	4	35-60
	121	110	20	35-65
Textile	134	210	8	45-65
	121	110	30	50-75
Prion	134	210	18	50-75
Liquid	134	210	10	35-60
	121	210	30	35-65
B & D Test	134	110	3.5	28-35
Heltx Test	134	210	3.5	28-35
Vacuum Test	/	/	/	20-25



Model	Type	Power	Chamber Volume
STE-18-K	Class N	2100W	18Liters
STE-18-D	Class B	2200W	18Liters
STE-23-K	Class N	2100W	23Liters
STE-23-D	Class B	2200W	23Liters
STE-23-T	Class B	2500W	29Liters

Chamber Size	Out Size
Φ247x350	W 480mm / H 455mm / D 600mm
Φ247x350	W 480mm / H 455mm / D 600mm
Φ247x450	W 480mm / H 455mm / D 700mm
Φ247x450	W 480mm / H 455mm / D 700mm
Φ247x600	W 480mm / H 455mm / D 850mm