



Table Top Autoclave

Series K & D & T



ABKAR MEDICAL
EQUIPMENTS L.L.C
Reliable Partner in Helathcare

Table Top Autoclave

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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.



LCD Displaying

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

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

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

Program
Basic Set
Info. Output

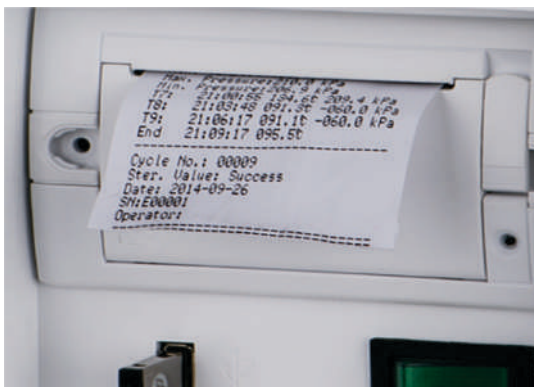
DRYING
B&D TEST
HELIX TEST
VACUUM TEST

9 Main Features

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

Documentation

- Internal printer prints detailed sterilization data automatically in multiple languages;
- 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;
- The last 20 cycles can be automatically stored in the Autoclave system, which can be printed out at any time.



6 Safety

- 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;
- Pressure safety valve prevent over pressure in the chamber and steam generator;
- The power is a automatically cut if a short circuit or electrical fault occurs;
- Able to detect and identify the exact cause of any problem, and to issue a specific error code to the operator;
- Water level switch of water tank controlling the min and max water level;
- Automatic warning for maintenance.

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Model	Type	Power	Chamber Volume
AV-8-K	Class N	1400W	8Liters
AV-8-D	Class B	1500W	8Liters
AV-12-K	Class N	1900W	12Liters
AV-12-D	Class B	2000W	12Liters
AV-18-K	Class N	2100W	18Liters
AV--18D	Class B	2200W	18Liters
AV-23-K	Class N	2100W	23Liters
AV-23-D	Class B	2200W	23Liters
AV-23-T	Class B	2500W	29Liters

Chamber Size	Out Size
Φ170x320	W 414mm/H 365mm/D 530mm
Φ170x320	W 414mm/H 365mm/D 570mm
Φ200x360	W 414mm/H 365mm/D 570mm
Φ200x360	W 414mm/H 365mm/D 570mm
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

Sterilization Record

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

	Time	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	

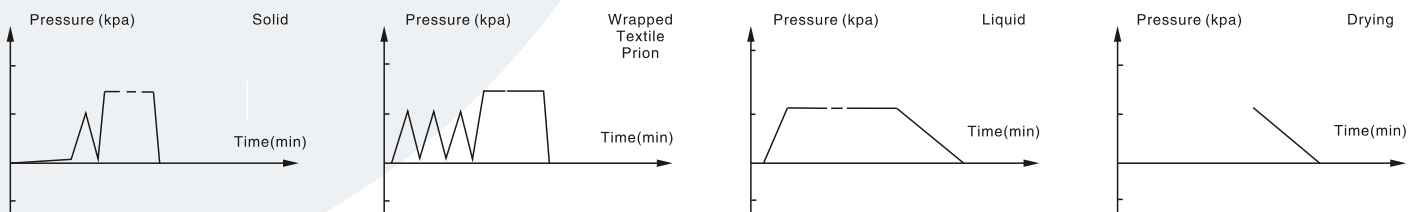
Cycle No.: 00017
 Ster. Value: Success
 Date: 2014-06-07
 SN: E54723
 Operator:



Pre-programmed Cycles

Class N Autoclaves (AV-18-K & AV-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



Class B Autoclaves (AV-18-D AV-23-D & AV-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

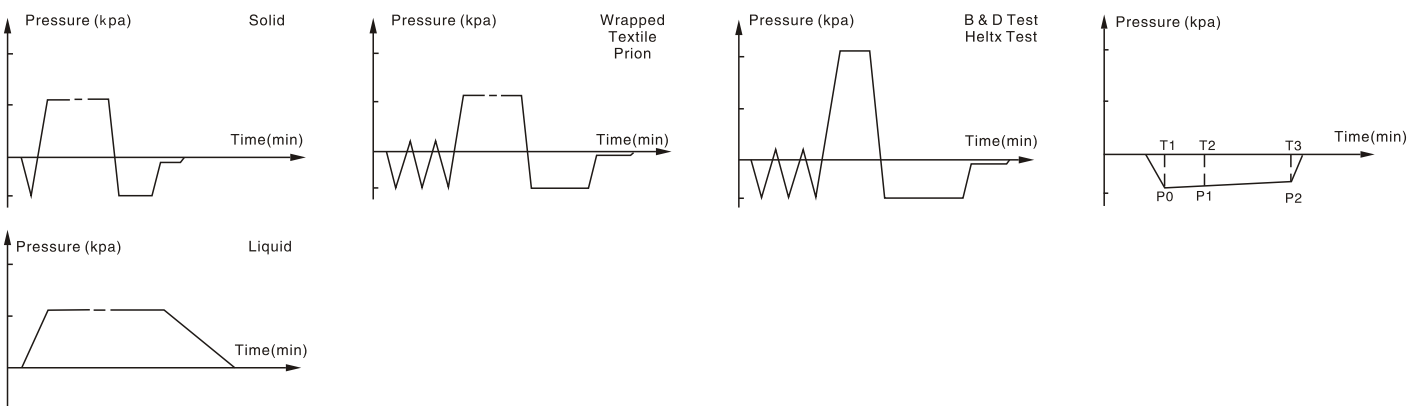




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AVEUS



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