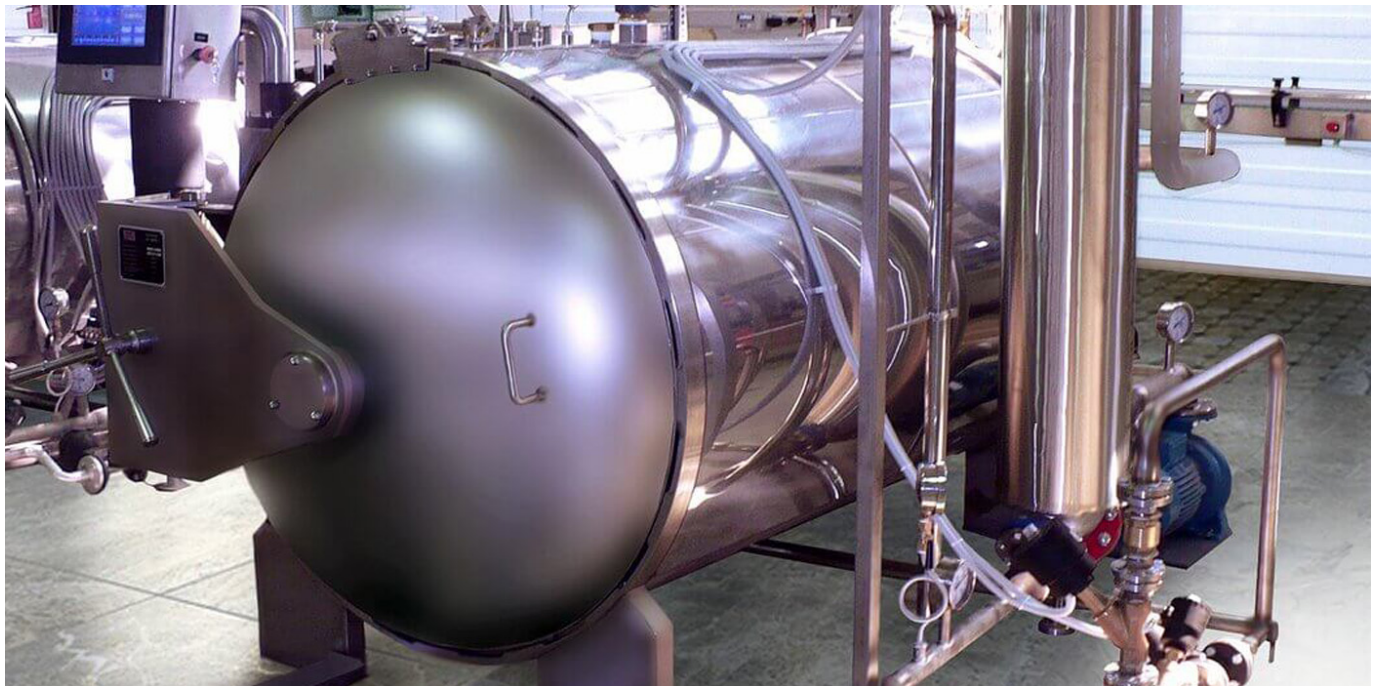


Catalog



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Астрахань (8512)99-46-04
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AES

For the sterilization in tightened steam

The autoclaves have got 10 sterilization programmes, that means 4 programmes are adjusted by factory and 6 programmes are free adjustable.

Working temperature 105°C - 139°C

Safety closure depending on pressure included.

Body, cover and closure made in stainless steel AISI 316.

Electrical heating with protected heating elements in the chamber

Safety valve.

Over heating protection.

Automatically air purge with microprocessor

Manual valves for dirty water and steam outlet.

Fitted with sieve bottom.

type	volume litres	chamber D x H mm	outer dim. H x B x T mm	watts	weight
AES-28	28	300x400	1010x510x560	2000	60 Kg
AES-75	75	400x600	1090x620x730	3000	85 Kg
AES-110	110	400x850	1330x630x730	4500	114 Kg
AES-150	150	500x750	1310x760x850	6000	140 Kg

AE-Dry Type

For the sterilization in tightened steam

The autoclaves have got 10 sterilization programmes, that means 4 programmes are adjusted by factory and 6 programmes are free adjustable.

Working temperature 105°C -139°C.

Safety closure depending on pressure included.

RS 232 Port.

Full automatically function.

Watertank, pre -vacuum, drying.

Body, cover and closure made in stainless steel AISI 316.

Electrical heating with protected heating elements in the chamber.

Safety valve.

Over heating protection.

Automatically air purge with microprocessor.

Manual valves for dirty water and steam outlet.

Fitted with sieve bottom.



type	volume litres	chamber mm	outer dim. H x B x T mm	watts	weight Kg
AE-28 Dry	28	300x400	1010x510x560	2000	60
AE-75 Dry	75	400x600	1090x620x730	3000	85
AE-110 Dry	110	400x850	1330x630x730	4500	114
AE-150 Dry	150	500x750	1310x760x850	6000	140

Compressed air sterilization autoclaves





AH - 21

For the sterilization in tightened steam

The autoclave is fitted with 5 sterilizing programmes. 4 of them are adjusted by factory. And one of them is free adjustable.

Working temperature 100°C bis 135°C.

RS232 port

Full automatically function

Dirty water tank and clean water reservoir, pre-vacuum, drying.

Outer body and top are made of stainless steel AISI 304.

Sterilizing chamber, lid and closure are made of stainless steel AISI 316.

Electrical heating with protected heating elements.

Safety valve.

Over heating protection.

Automatically air evacuation controlled by microprocessor.

Connection for water and dirty water empty.

With perforated bottom plate and trays.

type	volume	chamber dim. mm	outer dim. H x B x T mm	watts	weight
AH-21	21 liters	D=250 x 415	425x590x680	2000	55 Kg

Laboratory autoclave





For the sterilization in tightened steam and water

volume of the pressure chamber 20 litres, Lid and chamber made of stainless steel
without controller
fitted with pressure gauge, thermometer, safety valve,
whistle valve and steam pressure regulation valve.
without heating. We suggest our hotplate type: EA

art.no.	type	outer dim. BxH mm	inner dim. DxH mm	volume litres	weight KG	max. pressure bar	max. temp °C
01018	LaS-3-20	400 x 590	260 x 400	20	12,5	3	143
01019	LaS-4-20	400 x 590	260 x 400	20	12,5	4	151



LaM-3-20-ECZ-J

For the sterilization in tightened steam and water

volume of the pressure chamber 20 litres, Lid and chamber made of stainless steel
All autoclaves are fitted with safety valve, whistle valve,
steam pressure regulation valve, pressure gauge and thermometer.
Electrical heating 230 volts / 1500 watts.

art.no.	type	outer	inner	litres	weight Kg	max. pressure bar	max temp °C
01028	LaM-3-20-ECZ-J	410 x 625	260 x 400	20	19	3	143
01029	LaM-4-20-ECZ-J	410 x 625	260 x 400	20	19	4	151



La-MCS-203 with safety lock



LaM-MCS-J

for the sterilization in tightened steam and water

volume of the pressure chamber 20 litres, Lid and chamber made of stainless steel
all autoclaves are fitted with safety valve, over temperature protection,
steam outlet valve, pressure gauge and microprocessor controller
electrical heating 230 volts / 1500 watts

art. no.	type	outer dim. BxHxT mm	inner dim.DxH mm	volume litres	weight Kg	max. pressure bar	max.temp. °C
01032	LaM-3-20-MCS-J	410x560	260x400	20	20,5	3	143
01033	LaM-4-20-MCS-J	410x560	260x400	20	20,5	4	151
01001	La-MCS-203	390x580x360	260x400	20	27	3	143
01002	La-MCS-204	390x580x360	260x400	20	27	4	151
01005	La-VA-MCS	400x580x360	260x400	20	28	4	151

LA-MCS Type

Options: Must be built in in factory

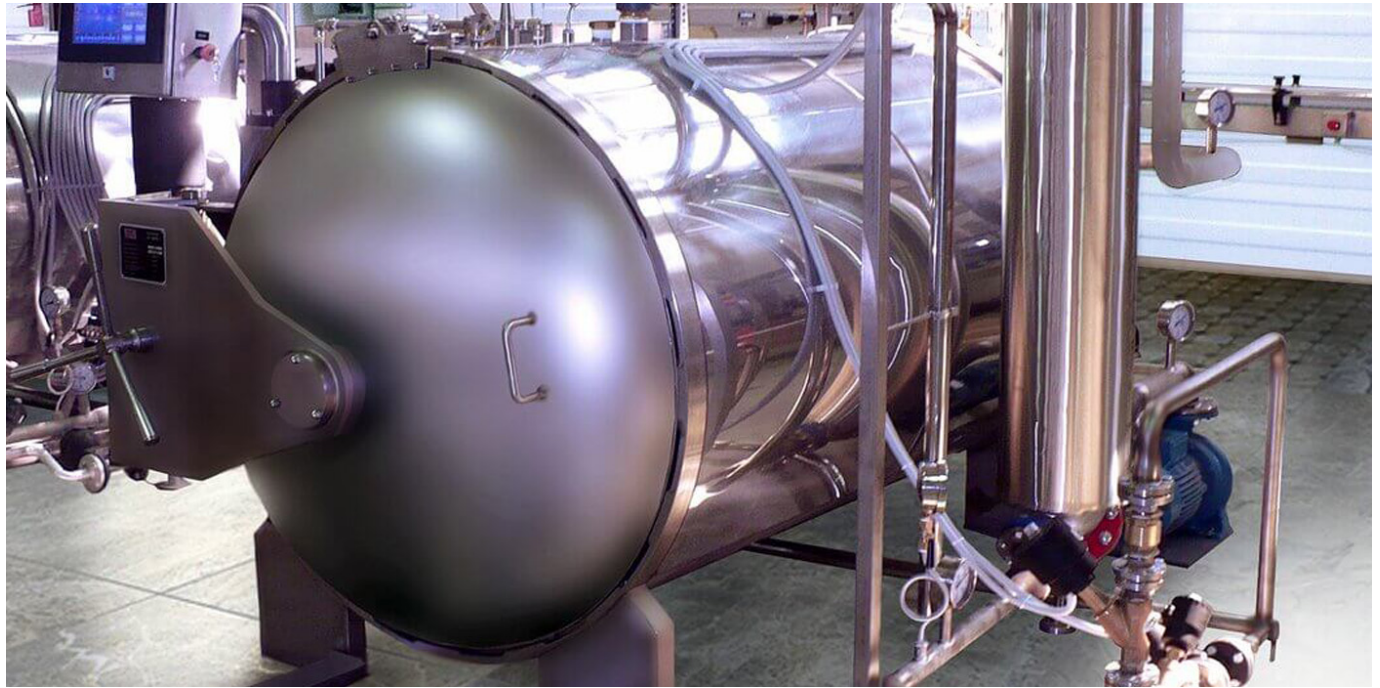
Connection to a PC: USB connection with programme to record the time and the temperature on an extern personalcomputer.
article no: 04006

Liquid sensor: Flexible PT 100 sensor for liquids (when the liquid sensor is on, a pre and a after warming temperature of 60°C will be held)
article no: 04001

Safety lock: depending on temperature over 97°C or over 80°C with liquids the autoclave is locked.
(only for type La-MCS-203 / 204 / VA)
article no: 04002

Filtersystem: To filter the vapeur
article no: 04008

Small autoclave



KL Type



for the sterilization in tightened steam and water

Pressure chamber in stainless steel

without controller

without heating. We suggest our hotplate Type : EA

(shown below)

fitted with pressure gauge, thermometre, safety valve, whistle valve and steam pressure regulation valve

art.no.	type	outer dim. D x H mm	inner dim. D x H mm	volume litres	weight Kg	max.pressure bar	max.temp °C
01006	KL-5-3	330 x 230	220 x 140	5	2,5	3	143
01008	KL-7-3	330 x 280	220 x 195	7	2,7	3	143
01010	KL-12-2	390 x 330	260 x 225	12	3,7	2	133

TKL Type

for the sterilization in tightened steam and water

Chamber in stainless steel.

Fitted with pressure gauge, safety-valve, steam outlet valve, electrical heating 230 volts / 1500 (*2000) watts

microcomputer- for time and temperature control regulation with PT-100 sensor



art. no.	type	outer dim. B x T x H mm	volume litres	weight Kg	max pressure bar	max temp. °C
01011	TKL-MCS-53	355x440x310	5	12	3	143
01013	TKL-MCS-73	355x440x430	7	15,2	3	143
* 01015	TKL-MCS-122	415x480x420	12	17,7	2	134

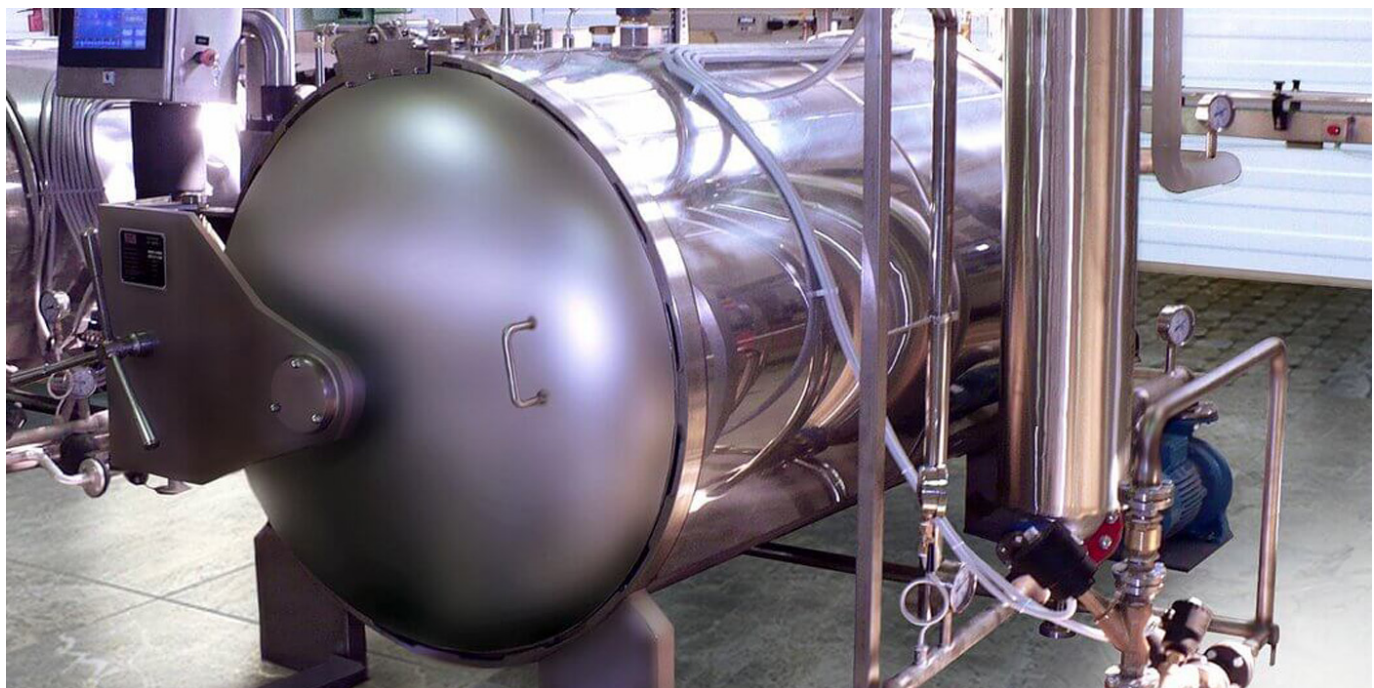
Options: must build in in factory

-floating sensor: Flexible PT-100 sensor for liquids (when the floating sensor is switched on, a pre and after warming temperature of 60°C will be held)

-RS 232: connection for recording of temperature (liquid temperature) and time on an extern PC.

-Filtersystem: To filter the vapeur
article no: 04008

Accessories





Perforated Bottom



Wire Basket



Insert for test tubes

Type	Description	art.no.
A-17	perforated bottom D 17x 3 cm for 5 + 7 litres autoclave	02020
A-20	perforated bottom D 20x 2 cm for 12 litres autoclave	02021
K-5	Wire basket D 16x 12,5 cm for 5 litres autoclave	02022
K-7	Wire basket D 16x 16 cm for 7 litres autoclave	02023
K-12	Wire basket D 20x 18,5 cm für 12 litres autoclave	02024
R-37	insert for test tubes D 16x 17 cm for 37 glasses suitable for the 7 und 12 litres autoclave	02025
KB	extern exhaust bucket	02013
F	Filter-system	04008

Options Not Retrofittable

for AE-Dry and AES type



-Printer:
Article No. 17031

only for AE-Dry type



Wire Basket for AE+AES-28
Wire Basket for AE
+AES-75-110 Wire Basket for
AE+AES-150 Bucket for AE
+AES 28
Bucket for AE+AES-75-110
Bucket for AE+AES-150
Pipettes Box D=130 x 400mm

art.no.
17009
17010
17011
17013
17012
17032
17028



wire basket K-13



insert for test tubes



bottom plate

type	description	art.no.
A-30	bottom plate D 23 x 3 cm with handle hole	02003
T-2	multi stage insert 2-pieces D 23 x 12 cm	02004
T-5	multi stage insert 5-pieces D 23 x 28,5 cm	02005
K 13	wire basket D 23 x 17 cm stainless steel	02006
K 20	wire basket D 23 x 32 cm stainless steel	02007
R 64	insert for 64 test tubes 17,5 x 17,5 x 18 cm	02008
KB	extern exhaust bucket	02013
F	Filtersystem	04008



wire basket K 20



Multi stage insert

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