



## ***Kambič – a reliable choice for purchasing top-quality autoclaves***

### **Basic information**

**The 'A' series autoclaves comprise four main units:** a sterilization chamber, a special system for pumping the air out of the chamber, a heating system for heating between the drying process and a microprocessor control.

The sterilization chamber, the water reservoir, the doors and the trays are made of a high-quality stainless steel. The closed system provides the use of the same water for multi-sterilization and at the same time it prevents steam being released into the work space. These units are designed to sterilize various solid materials, plastics, rubbers, fabrics and liquids.

### **Process control**

A high capability of the micro processing control provides:

- Sterilization of solid and porous materials of all kinds
- Sterilization of liquids in open and closed systems
- Five different sterilization programmes
- The selection of temperature sterilization of 100°C - 135°C
- Time selection of the sterilization in the duration of 1 - 90 minutes
- Time selection of drying over a period of 1 - 90 minutes
- The selection of 10 different speed rates of cooling when the liquid sterilization is completed
- The connection of the printer for documenting the procedure with the possibility to print:
  - During the sterilization procedure
  - When the sterilization procedure is completed
  - The entire sterilization procedure
  - The working day
  - The last 50 procedures

### **Automatic and fast operation**

When activating the desired programme, the process is operated completely automatically. The effective heating and the exceptional insulation enable the autoclave cycle to be completed in a short period of time.

In the event of the temperature probe replacement, the required corrections can be quickly executed with an integrated programme.

### **Tabletop autoclaves**

	A-11	A-21	A- 21V	A-21CAV	A-21CA
Chamber dimensions (mm)	Φ 180 x430	Φ 250 x400	Φ 250 x400	Φ 250 x400	Φ 250 x400
Volume (L)	11	21	21	21	21
External dimensions	-	-	-	-	-

(mm)					
Width (mm)	430	500	545	545	500
Height (mm)	370	400	630	630	400
Depth (mm)	550	550	505	505	550
Number of programmes	2	3	3	5	5
Sterilization temperature (°C)	121 and 134	105÷135	105÷135	105÷135	105÷135
Sterilization time (min)	20 and 15	1÷ 90	1÷ 90	1÷ 90	1÷ 90
Drying (min)	20 and 15	1÷ 90	1÷ 90	1÷ 90	1÷ 90
Number of shelves	3	4	-	-	-
Number of baskets	-	-	2	2	4
Connection for the printer	-	-	-	*	*
Voltage (±10%) (V)	230	230	230	230	230
Wattage (W)	2000	2000	2000	2000	2000
					


Legend: \* built-in - not built-in

## Stand-alone autoclaves

	<i>A-65H</i>	<i>A-65V</i>	<i>A-90V</i>
External dimensions	750 x 630 x 800+270 mm (WxHxD)	700 x 850 x 650 mm (WxHxD)	700 x 950 x 650 mm (WxHxD)
Working chamber dimensions	Φ 400 x 500 mm	Φ 400 x 500 mm	Φ 400 x 700 mm
Working volume	65 L	65 L	90 L
Construction	Horizontal	Vertical	Vertical
Sterilization temperature	from 105°C to 138°C continuously adjustable	from 105°C to 138°C continuously adjustable	from 105°C to 138°C continuously adjustable
Sterilization time	from 1 to 120 minutes continuously adjustable	from 1 to 120 minutes continuously adjustable	from 1 to 120 minutes continuously adjustable
Drying time	from 1 to 120 minutes continuously adjustable	from 1 to 120 minutes continuously adjustable	from 1 to 120 minutes continuously adjustable
Cooling speed	adjustable in levels from 1 to 30 (Optional installation of the rapid cooling system)	adjustable in levels from 1 to 30 (Optional installation of the rapid cooling system)	adjustable in levels from 1 to 30 (Optional installation of the rapid cooling system)
Number of different programmes	5+1 (vacuum test in combination with vacuum pump)	5+1 (vacuum test in combination with vacuum pump)	5+1 (vacuum test in combination with vacuum pump)
Process control	Microprocessor	Microprocessor	Microprocessor
Wattage	4,5 KW	4,5 KW	6,5 KW
Voltage	3 x 400 V/ 50 Hz	3 x 400 V/ 50 Hz	3 x 400 V/ 50 Hz
Cooling medium	Cooling water 2 - 6 bars	Cooling water 2 - 6 bars	Cooling water 2 - 6 bars
Chamber temperature display	Digital	Digital	Digital
Pressure display	display + mechanical vacuum manometer	display + mechanical vacuum manometer	display + mechanical vacuum manometer
Number of baskets	2	2	2




## Autoclave A-500/700

	<b>A-500 / 700</b>
External dimensions	1210 x 1200 x 820 mm (W x H x L)
Chamber dimensions	Φ 500 x 700 mm
Volume	157 L
Placement	Vertical
Sterilization temperature	from 105°C to 138°C – adjustable without stages
Sterilization time	from 1 minute to 120 minutes- adjustable without stages
Drying time	from 1 minute to 120 minutes - adjustable without stages
Number of programmes	8 + 2
Control	Microprocessor
Drying mode	In vacuum
Chamber temperature display	Digital
Pressure display - vacuum	Digital + mechanical vacuum manometer
Vacuum pump	Water ring
Number of baskets	2 (or by agreement)
Cooling medium	Sanitary water 2-6 bars
Wattage	135 kW/3 x 400 V - 50 Hz
Compressed air	4 , 8 bar
Cooling water	Sanitary water
Supply of water for steam	Demineralized water from the system or PVC container
Steam preparation	In its own steam aggregate
	

## Autoclave A-35/35/65-1

	<b>A-35/35/65-1</b>
External dimensions	650 x 1650 x 850 mm (W x H x D)
Working chamber dimensions	350 x 350 x 645 mm
Working chamber volume	79 L
Capability	1StE (300 x 300 x 600 mm large basket)
Construction	Horizontal, impassable, one door
Sterilization temperature	from 105°C to 138°C - adjustable without stages
Sterilization time	from 1 minute to 120 minutes - adjustable without stages
Drying time	from 1 minute to 250 minutes - adjustable without stages
Number of possible programmes	8 + B&D test + vacuum test
Control	Microprocessor

Drying mode	In a vacuum
Chamber temperature display	Digital
Vacuum pump	Water ring
Pressure display – vacuum	Display
Number of baskets	2 (or by agreement)
Sterilization medium	Steam from its own aggregate
Cooling medium	Sanitary water 2-6 bars
Wattage	13.5 kW/3 x 400 V – 50 Hz
Demi water	1.5 - 3 bars
	

## Optional additional equipment

### Description:

- Calibration with a report (10 points, 3 temperatures, 3 humidities)
- Additional shelves - baskets
- Printer for recording the procedure
- Software equipment for monitoring and recording the measured values on the PC
- IQ & OQ documentation and construction in the field
- Rapid cooling system
- Vacuum system with a vacuum pump
- Steam generator
- Lift for baskets
- Compressor for compressed air

[More about the additional equipment >>](#)



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