

STEAM STERILIZERS AJC®

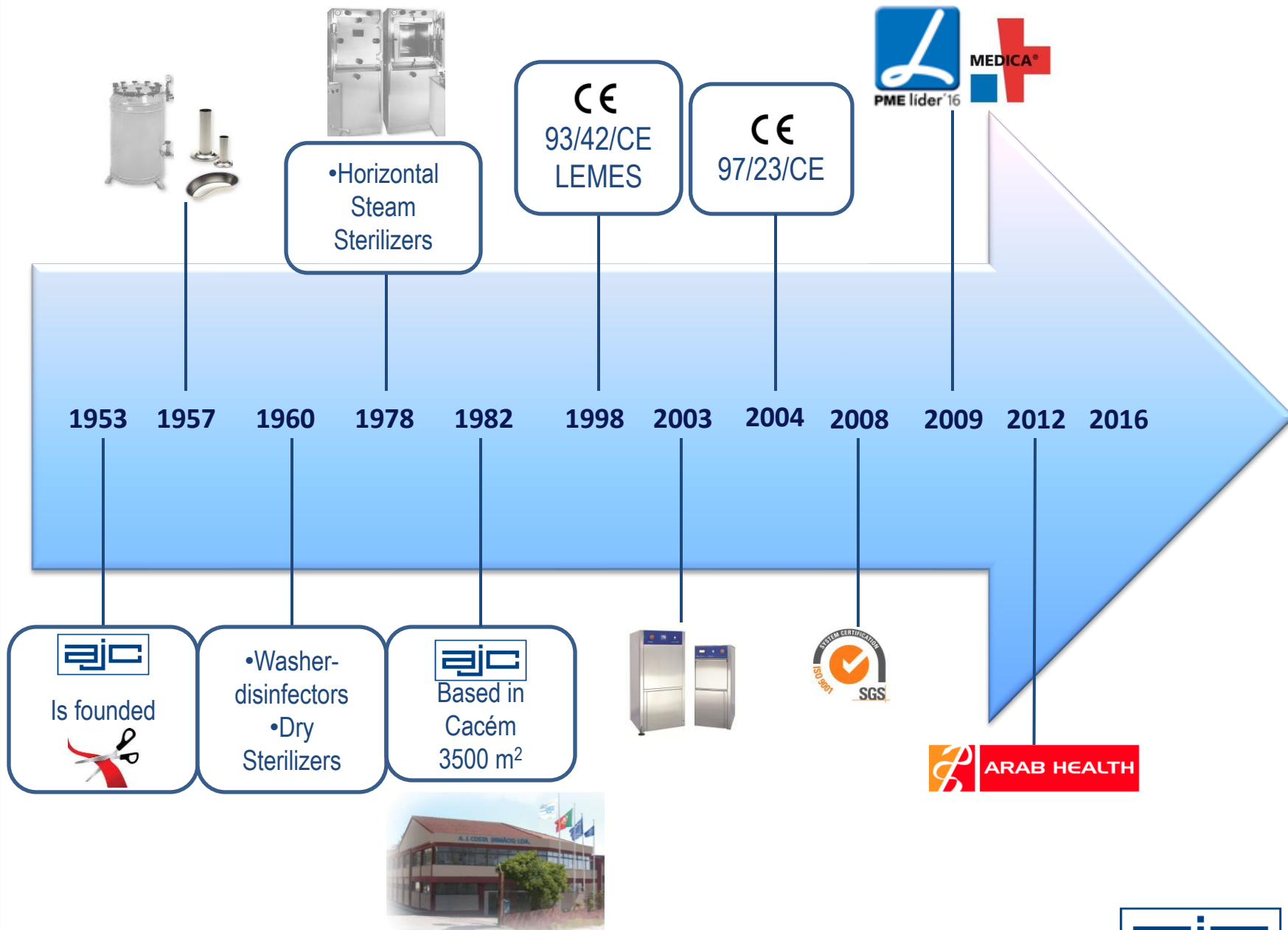
Presentation



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ABOUT US



HEALTH CARE INSTITUTIONS AND LABORATORIES

Health Care Institutions

Prevention of infection and
cross contamination in
CSSD

Hospital Steam Sterilizers

Validated cycles for
sterilization of hospital type
loads – CE Norms



Laboratories

Assure quality and
maximize production of
biotechnological
products

Laboratory Steam
Sterilizers

Sterilization cycles adapted
to laboratorial needs



AJC® STEAM STERILIZERS



Amaro 5000
Horizontal sliding door
Hospital, Laboratory &
Biosafety III



Amaro 5000
Vertical sliding door
Hospital, Laboratory &
Biosafety III



Steri 21
Vertical sliding door
Hospital, Laboratory
& Biosafety III



Uniclave 99
Laboratory

HORIZONTAL STEAM STERILIZERS



**Hospital, Laboratory
& Biosafety III**

**Wide range of
capacities**

1 or 2 doors

Double wall

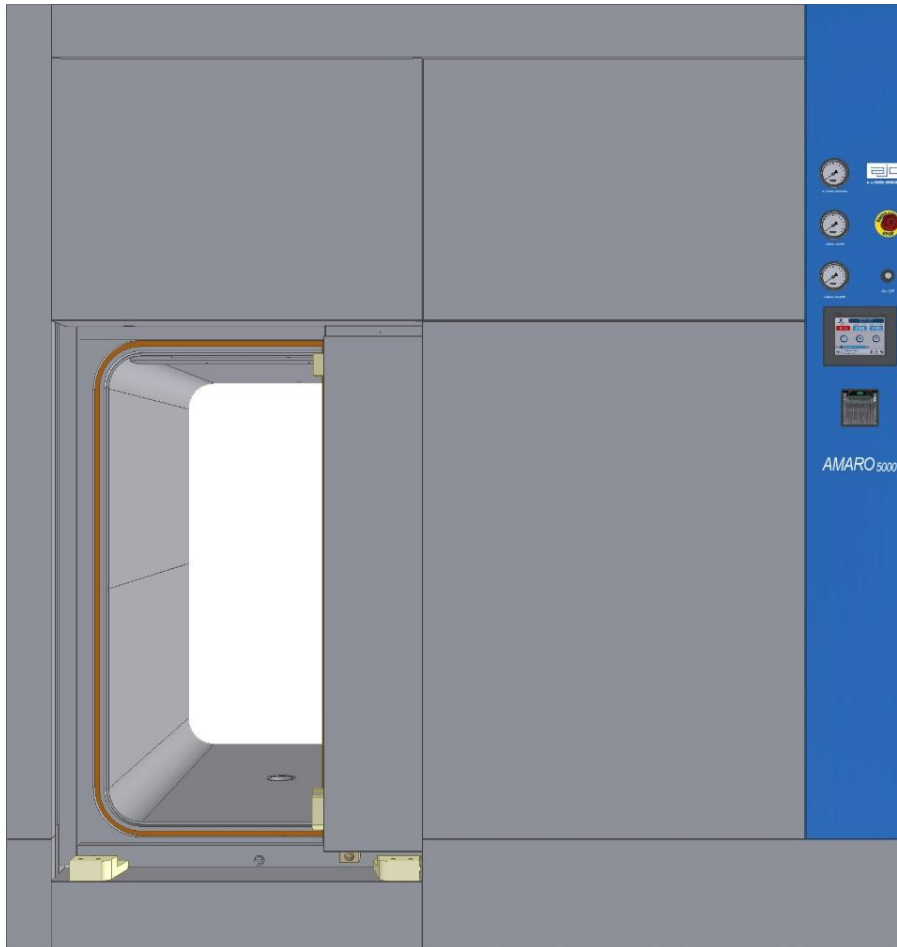
Automatic control

**Digital screen
interface**

**Fractional cycles and
gravity cycles**

**Possibility of F_0
control**

AMARO 5000 STEAM STERILIZERS WITH HORIZONTAL SLIDING DOORS



MAIN FEATURES

Large Hospitals and
Laboratories

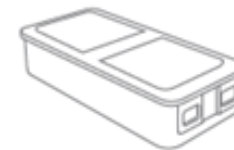
Rectangular chamber in
stainless steel AISI 316 L

Automatic horizontal sliding
doors in stainless steel
AISI 316 L

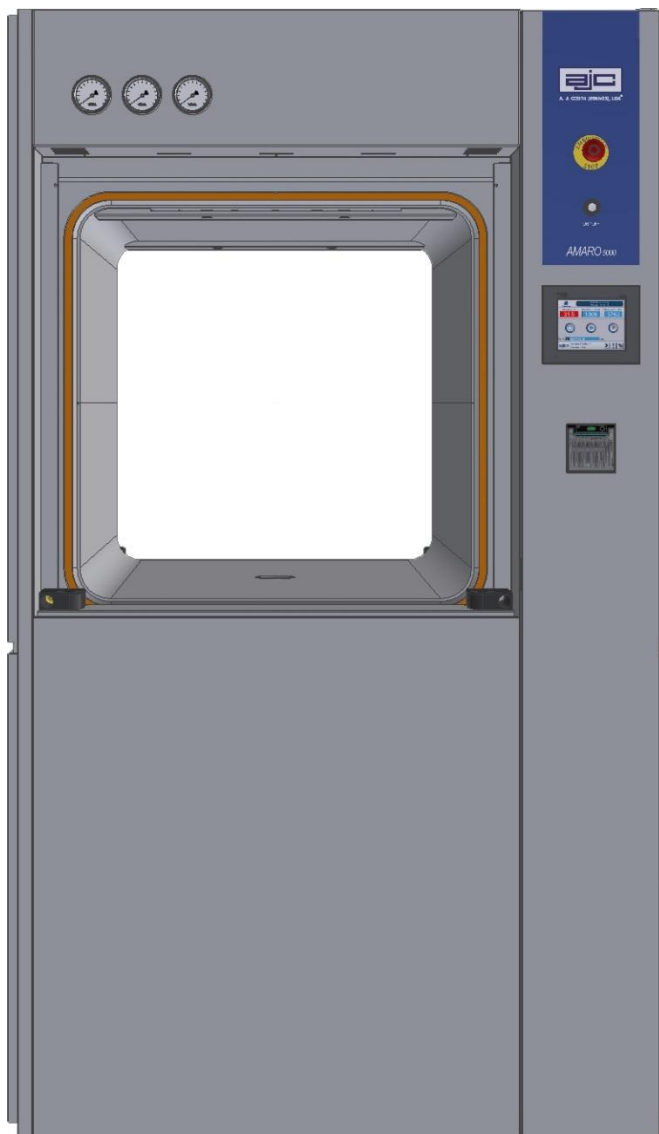
Jacket in stainless steel
AISI 316 L

Suitable for installation at
ground level

6 to 40 STU



AMARO 5000 STEAM STERILIZERS WITH VERTICAL SLIDING DOORS



MAIN FEATURES

Medium and large Hospitals
and Laboratories

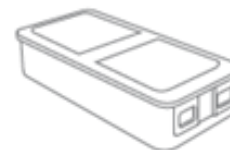
Rectangular chamber in
stainless steel AISI 316 L

Automatic vertical sliding doors
in stainless steel AISI 316 L

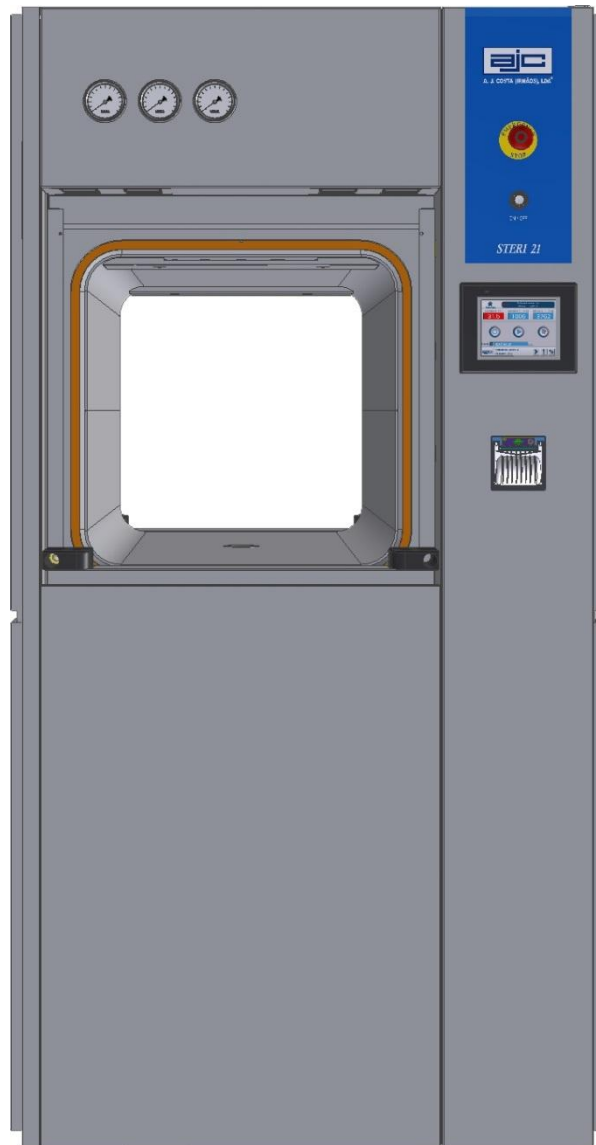
Jacket in stainless steel
AISI 316 L

Front and side service access

4 to 12 STU



STERI 21 STEAM STERILIZERS



MAIN FEATURES

Small and medium Hospitals
and Laboratories

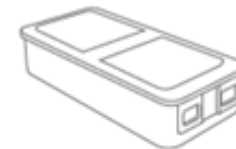
Rectangular chamber in
stainless steel AISI 316 L.

Vertical sliding doors in
stainless steel AISI 316 L

Jacket in stainless steel
AISI 316 L

Front and side service access

1 to 3 STU



LOADING SYSTEM

What is it?

- Platforms in stainless steel AISI 304 L

What is it for?

- To place and remove load from the sterilization chamber

What are the options?

- Removable shelves
- Carriage system
- Stainless steel baskets

Ergonomic

Fast

Easy

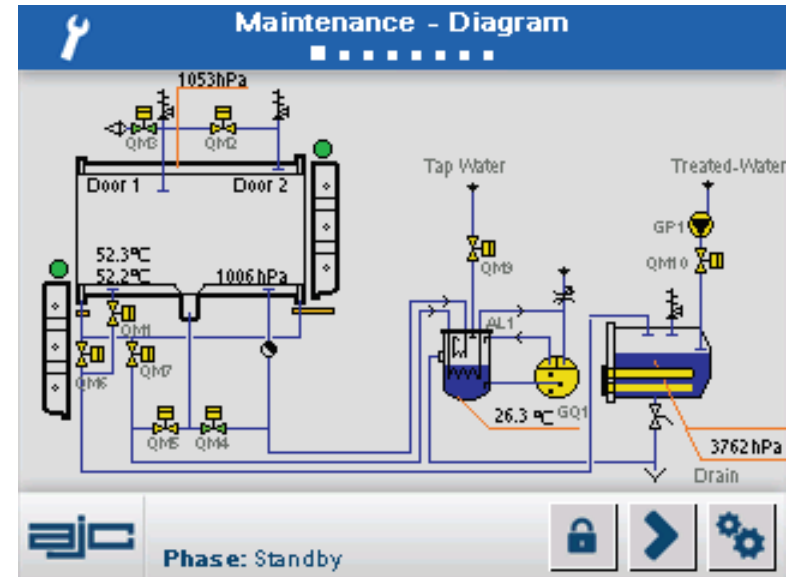


Transfer Carriage



Height adjustable levels with side safety bars (optional)

DIGITAL SCREEN INTERFACE



Print reports on sterilization cycles

Access to settings

Change the language in the menu

Choose a pre-programmed sterilization cycle

Open and close doors

MAIN ACCESSORIES



Steam Generator



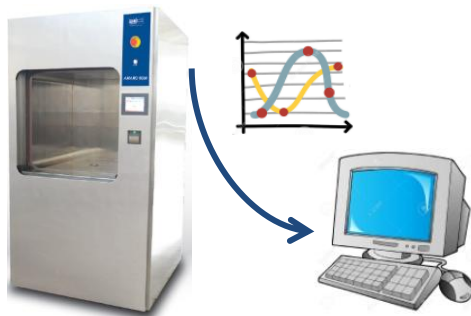
Remote Service
Module (RSM)



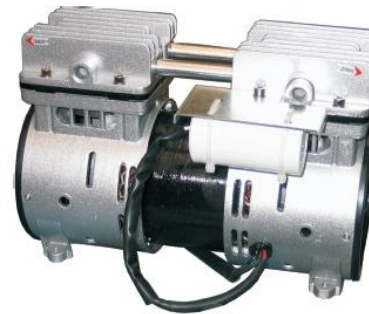
Built-in
Reverse Osmosis System



Product Probe PT100



Documentation Software
+ Built-in PC



Air Compressor



Cabinet Covering
Pannels

OTHER ACCESSORIES

Energy recovery
system

Stainless steel
baskets

Automatic blowdown
system of steam
generator

Dual system steam
supply

Independent
Monitoring System

UPS

Air Detector

Automatic Loading
System

Water Treatment

TECHNICAL FEATURES



Amaro 5000, automatic horizontal sliding doors (06 to 40 STU)			
Model	Chamber dimensions (WxHxD)	Volume	Overall dimensions (WxHxD)
	cm	liters	cm
70.112.80	70x112x80	625	208x221x120
70.112.110	70x112x110	860	208x221x150
70.112.140	70x112x140	1090	208x221x180
70.112.170	70x112x170	1323	208x221x210
70.112.200	70x112x200	1557	208x221x240
70.112.230	70x112x230	1790	208x221x270
70.180.130	70x180x130	1638	208x256x166
70.180.160	70x180x160	2016	208x256x196
70.180.190	70x180x190	2394	208x256x226
70.180.250	70x180x250	3150	208x256x286



Amaro 5000, automatic vertical sliding doors (04 to 12 STU)			
Model	Chamber dimensions (WxHxD)	Volume	Overall dimensions (WxHxD)
	cm	liters	cm
70.70.70	70x70x70	343	113x195x106
70.70.100	70x70x100	490	113x195x136
70.70.130	70x70x130	633	113x195x161
70.70.160	70x70x160	780	113x195x186
70.70.190	70x70x190	931	113x195x226

TECHNICAL FEATURES



Steri 21, vertical sliding doors (01 to 03 STU)			
Model	Chamber dimensions (WxHxD)	Volume	Overall dimensions (WxHxD)
	cm	liters	cm
40.40.66	40x40x66	105	95x180x92
50.50.66	50x50x66	165	95x180x92
50.50.100	50x50x100	250	95x180x129

INNOVATIONS

Water Conservation System

- Heat Exchanger
- Water tank + liquid ring vacuum pump



Water Consumption
Water cooling before drainage

Built-in Reverse Osmosis System

- 60 L/h
- Water tank

Design

- Simple
- Clean
- Hygienic

Option 1. Cold water feeding



Water Consumption
Water cooling before drainage

Option 2. Energy recovery system (buffer)



Water Consumption
Energy Consumption
Water cooling before drainage

UNICLAVE 99 – VERTICAL TOP LOADING AUTOCLAVES

STANDARD VERSION



SPECIAL VERSION

Laboratory

Automatic Command of Cycle

Programmable Cycle Parameters

Gravity Cycles

UNICLAVE 99 – VERTICAL TOP LOADING AUTOCLAVES

A. J. Costa vertical-top autoclaves are user-friendly equipments, being versatile autoclaves that can be used for distinct applications and deliver reliable results. With an extremely easy installation and maintenance procedures.

MAIN FEATURES



Automatic door locking

Cooling by steam condensation

Automatic operation with pre-programmed cycles

Manometer

3,5" colour touchscreen

Emergency/stop button

UNICLAVE 99 – VERTICAL TOP LOADING AUTOCLAVES



ACCESSORIES & OPTIONS

Baskets in stainless steel AISI 304L
and closed bottoms



Water Treatment System Options

AJC Vision Map - Documentation
Software and Built-in PC



UPS

Remote Module System

Drainage Cooling with PT100 sensor
control



Wheels for easy movement

SPECIAL OPTION

Automatic water level control and
automatic water operation

9 Pre-programmed cycles

Thermal Printer

Incorporated Temperature Sensor PT100
Water overflow with air ballast support
Air compressor

Keep warm function

2 Cycles P3, 121°C



UNICLAVE 99 – VERTICAL TOP LOADING AUTOCLAVES



Available Models

Uniclave 99			
Model	Usable volume of chamber	Usable chamber dimensions (diam. x depth)	Overall dimensions (width x height x depth)
	liters	cm	cm
AJC 80	80	∅ 40x63	69 x 105 x 74
AJC 120	120	∅ 50x62	80 x 105 x 85
AJC 160	160	∅ 50x82	80 x 125 x 85



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Since 1953 at Medical and Hospital Service

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