

VERTICAL AUTOCLAVES WITH DRYING

AE-DRY SERIES **CLASSIC LINE**

ECONOMIC, COST-EFFECTIVE,
ROBUST PERFORMANCE
AND LIMITED LABORATORY
RESOURCES CONSUMPTION



Vertical autoclaves with drying

The **AE-DRY** Series vertical floor-standing autoclaves with top-loading access cover most laboratory sterilization needs in many industries, educational institutions and research facilities with the aim of increasing the productivity of the laboratory. A great chamber capacity, the final drying feature and the independent water tank together with the optimization of resources such as water, power and operating time results in an affordable and very cost-effective solution to manage laboratory workload.

INTENDED USE

+ **STERILIZATION OF LABORATORY WASTE BAGS, PLASTICS, CULTURE MEDIA, GLASSWARE, LIQUIDS, ITEMS OF COMPLEX GEOMETRIES AND SMALL POROUS OR HOLLOW OBJECTS**



MAIN FEATURES

COST-EFFECTIVE SOLUTION

AE-DRY Series autoclaves are robust autoclaves with excellent performance for liquids and solids sterilization procedures. The final vacuum drying feature by a heating jacket and a vacuum pump at the end of the sterilization cycle eliminates the need of an external equipment to dry the load, significantly reducing the duration of each sterilization procedure rotation and saving operator time.

MULTIPLE TYPES OF STERILIZATION CYCLES

Several options available to perform solids or liquids sterilization. Programmable final vacuum drying for the sterilization of solids, initial prevacuum for the sterilization of items of complex geometries and programmable temperature holding at the end of the cycle for the sterilization of culture media. Optional flexible temperature probe for load sensed sterilization of liquids.

EASY INSTALLATION AND MAINTENANCE

Every **AE-DRY** Series autoclave is a plug and play equipment that does not need dedicated installation connections. They simply need a power source and can work even without a connection to the drainage. They include a manually fed independent water tank that automatically feeds the sterilization chamber with an optional upgrade to fully automatic water feed directly from water network. They also include casters so they can be used in different areas of the same facility.

SAFETY FIRST

AE-DRY Series autoclaves are equipped with several features to ensure the safety of the operators. These include an overpressure safety valve, a thermally insulated door, an overtemperature safety thermostat, a water level detector, an open door detection system and an independent safety pneumatic system that locks the main door while positive pressure exists inside the sterilization chamber.



ADVANTAGES



Final vacuum drying feature by a heating jacket and vacuum pump to completely dry solid loads.



Sterilization chamber and door made of high quality stainless steel grade AISI-316L extremely resistant to corrosion.



Equipment built following all applicable European Union quality, regulatory and safety standards.



Heating by powerful electric elements made of Incoloy® 825 assembled inside the sterilization chamber and shielded by a protective grid.



Control by a PID microprocessor with 4 predefined and 6 editable programs, adjustable by time, temperature, drying time and type of sterilization cycle (solids or liquids, with optional Agar mode and/or core probe control).



Available special models with augmented power to achieve faster heating and sterilization phases.



Suitable to sterilize wrapped and unwrapped loads, small porous and hollow objects and items of complex geometries with cavities thanks to the standard initial prevacuum phase*.



Automatic water feed to the sterilization chamber from the independent water tank, with water level sensors included in both locations. Optional upgrade to fully automatic water feed directly from water network.



Adjustable temperature holding at the end of the sterilization cycle between 40-80°C (Agar mode).



Programmable auto-start for up to 24h.



Optional software for sterilization data management.



Optional integrated or external printer.



Plug and play equipment, no plumbing required.



Easy mobility, all models include casters.



STERILIZATION APPLICATIONS

AE-DRY Series autoclaves are intended for the sterilization of a wide range of liquids and solids such as culture media, glassware, plastics, metal utensils, laboratory waste bags and other laboratory items.

Furthermore, thanks to the standard initial prevacuum pulse and the fractioned postvacuum with drying, **AE-DRY** Series autoclaves are also suitable to sterilize wrapped and unwrapped solids, small porous and hollow objects*.

***AE-DRY** Series autoclaves may not be suitable for these applications if the chamber is heavily loaded. In these circumstances, **AE-B** Series autoclaves should always be used. In case of doubt, please contact us and our team will offer expert guidance.

Vertical autoclaves with drying

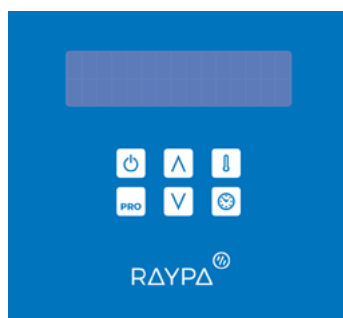
WORKING PRINCIPLE

AE-DRY Series autoclaves provide a solution for the multiple sterilization needs of general laboratories including glassware, plastics, metal utensils, laboratory waste bags, wrapped and unwrapped solids, small porous and hollow objects, liquids, culture media and other laboratory items.

The load has to be placed into the vessel's baskets and, after manually filling the independent water tank with purified water, the equipment starts to create the initial prevacuum, automatically feeds water to the sterilization chamber, heats up and purges until the set combination of sterilization time and sterilization temperature is reached.

DIGITAL MICROPROCESSOR

Digital microprocessor with 6 push-buttons for an easy programming and parameters selection.



AE-DRY SERIES PROGRAMS

AE-DRY Series autoclaves have 10 programs, from P0 to P9, and the first four are predefined and protected.

PREDEFINED PROGRAMS

Program N°	Sterilization temperature °C	Sterilization time min	Drying time min	Program mode Solids, Liquids or Agar	Core probe regulation
P0	115	60	12	Solids	-
P1	121	30	25	Solids	-
P2	133	20	30	Solids	-
P3	121	20	-	Liquids	-

The rest of the programs are editable with the following parameters settings:

- Sterilization temperature.
- Sterilization time.
- Final drying time.
- Sterilization mode (solids or liquids).
- Sterilization with temperature holding at the end of the cycle (Agar mode).
- Sterilization controlled by main chamber temperature probe or both main chamber temperature probe plus core temperature probe.

STANDARD AE-DRY SERIES STERILIZATION CYCLE

PREVACUUM PHASE

- In this initial step, the equipment's vacuum pump mechanically removes air from the chamber and load through a single vacuum pulse of -0,75 Bargs. This allows the steam to penetrate load objects of difficult geometries that couldn't otherwise be reached with simple gravity displacement.
- Afterwards, the independent water tank starts to feed water to the sterilization chamber and the heating jacket is turned on, preheating the load.

HEATING PHASE

- After completing the prevacuum phase and once the sterilization chamber bottom is filled with water, the powerful heating elements assembled at the bottom of the sterilization chamber heat up dramatically, transferring energy to water to produce saturated steam throughout the chamber.
- To shorten the duration of this step, RAYPA offers special models with increased power, a feature of particular interest for autoclaves operating in laboratories with high workloads.

STERILIZATION PHASE

- Upon reaching the set sterilization temperature inside the chamber the sterilization phase begins, accurately sustaining the temperature throughout the duration of this phase.
- This crucial step is controlled by a PT-100 Class A temperature probe located within the chamber. As an option for liquids sterilization processes, this phase can be regulated by a flexible PT-100 Class A temperature probe located inside a sample.

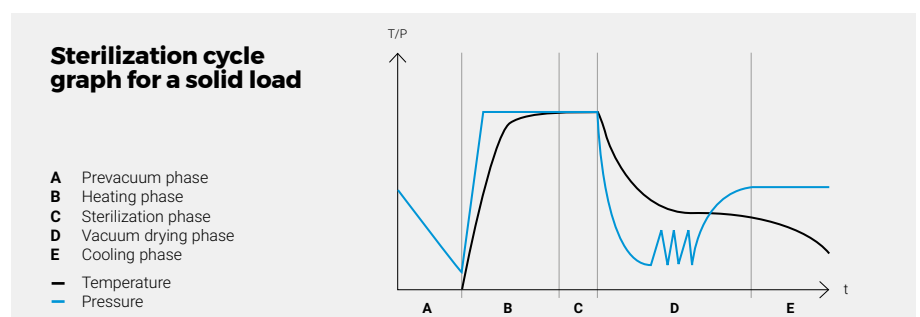
VACUUM DRYING PHASE

- After sterilization phase finishes, only for solid programs, vacuum drying starts,

where multiple vacuum pulses occur while the heating jacket is turned on, completely drying the load and automatically feeding back the water to the independent water tank.

COOLING PHASE

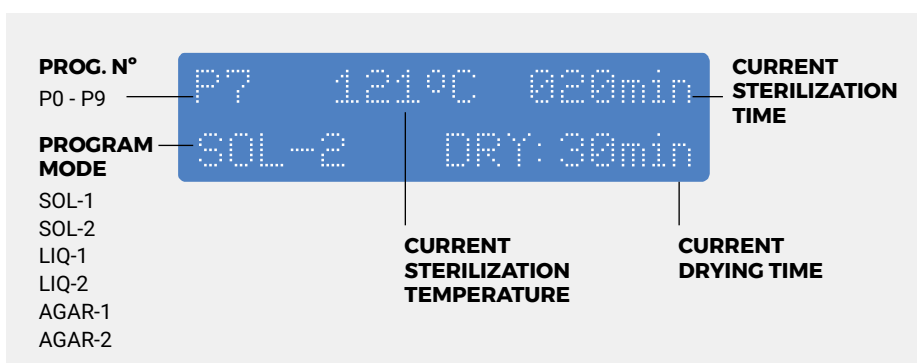
- After the vacuum drying step is completed natural cooling begins and an acoustic beep will sound when a safety temperature is reached and the door can be opened.
- In liquid programs with Agar mode activated, the equipment will hold the preprogrammed temperature indefinitely, selectable between 40 and 80°C.





FUNCTIONS DISPLAYED BY THE ALPHANUMERIC LCD SCREEN

The alphanumeric screen apart from showing the standard sterilization parameters also shows current sterilization phase and several visual alerts, including warning or failure messages. The available languages include English, Spanish, French and Catalan. For other languages please contact us.



LOADING CAPACITIES



ISO ERLENMEYER FLASKS

Autoclave model	Usable volume L	250mL (Ø85 x 143mm)			500mL (Ø105 x 183mm)			1000mL (Ø131 x 230mm)			2000mL (Ø166 x 280mm)						
		Total baskets	Units/basket	Total units		Total baskets	Units/basket	Total units		Total baskets	Units/basket	Total units					
				A	B			A	B			A	B				
AE-28-DRY	31	2	7	14	=	1	4	4	8	1	1	1	=	1	1	1	=
AE-50-DRY	50	3	7	21	28	1	4	4	12	1	1	1	=	1	1	1	2
AE-75-DRY	75	3	12	36	=	2	8	16	24	2	5	10	=	1	3	3	6
AE-110-DRY	110	4	12	48	60	3	8	24	32	3	5	15	=	1	3	3	6
AE-150-DRY	153	4	21	84	105	4	14	56	=	3	8	24	=	1	5	5	10

A: Number of units using standard baskets.

B: Number of units using specially designed baskets for the specific combination of autoclave model and container.

The data contained within these tables, regarding load capacities, serves as a non-binding guide to assist you in the selection of the most appropriate autoclave model.



ISO BOTTLES

Autoclave model	Usable volume L	250mL (Ø70 x 143mm)			500mL (Ø80 x 185mm)			1000mL (Ø101 x 230mm)			2000mL (Ø136 x 260mm)						
		Total baskets	Units/basket	Total units		Total baskets	Units/basket	Total units		Total baskets	Units/basket	Total units					
				A	B			A	B			A	B				
AE-28-DRY	31	2	9	18	=	1	7	7	14	1	4	4	=	1	1	1	=
AE-50-DRY	50	3	9	27	36	1	7	7	21	1	4	4	=	1	1	1	2
AE-75-DRY	75	3	20	60	=	2	14	28	42	2	8	16	=	1	4	4	8
AE-110-DRY	110	4	20	80	100	3	14	42	56	3	8	24	=	1	4	4	12
AE-150-DRY	153	4	33	132	165	4	24	96	=	3	15	45	=	1	8	8	16

A: Number of units using standard baskets.

B: Number of units using specially designed baskets for the specific combination of autoclave model and container.

The data contained within these tables, regarding load capacities, serves as a non-binding guide to assist you in the selection of the most appropriate autoclave model.

Vertical autoclaves with drying

Accessories

INTEGRATED BASKET LIFT SYSTEM

References	CLASSIC-LIFT	CLASSIC-LIFT-R
Dimensions L x D x H mm	800 x 300 x 2100	800 x 300 x 2600
Power W	480	480
Voltage V	230	230
Frequency Hz	50/60	50/60
Weight Kg	40	45
Maximum load Kg	30	40
For autoclaves with the following chamber volumes	79 L	✓
	115 L	✓
	175 L	-

- Stainless steel electric lift system built into the side of the autoclave with swivel arm to help load and unload heavy items. The device is built into the side of the autoclave. Push-button operation with opening up to 200°.
- Motor with auto brake system in the event of obstacles or overload.
- Available in two models: the standard lift system and reinforced lift system.
- It can be factory fitted or retrofitted.



MOBILE BASKET LIFT SYSTEM

Reference	MOB-LIFT
Dimensions L x D x H mm	420 x 800 x 2200
Power W	200
Voltage V	90 - 250
Frequency Hz	50/60
Weight Kg	70
Maximum load Kg	30

- Stainless steel electric lift system with casters to help load and unload heavy items up to 30Kg.
- Equipped with long-life battery for cordless use.
- Push-button operation.
- Motor with auto brake system in the event of obstacles or overload.
- Compatible with any autoclave model.





Accessories

STAINLESS STEEL WIRE BASKETS

Reference		CV-28	CV-75-130	CV-75S	CV-75	CV-150-130	CV-150S	CV-150M
Dimensions	Exterior Ø x H mm	270 x 185	370 x 130	370 x 180	370 x 265	470 x 130	470 x 190	470 x 235
	Interior Ø x H mm	260 x 180	360 x 125	360 x 175	360 x 260	460 x 125	460 x 185	460 x 230
For autoclaves with the following chamber volumes	33 L	2	-	-	-	-	-	-
	55 L	3	-	-	-	-	-	-
	79 L	-	4	3	2	-	-	-
	115 L	-	6	4	3	-	-	-
	175 L	-	-	-	-	6	4	3



STAINLESS STEEL LIQUIDS COLLECTOR TRAY FOR WIRE BASKETS

Reference		TR-270	TR-370	TR-470
Dimensions	Exterior Ø x H mm	240 x 50	320 x 50	420 x 50
	Interior Ø x H mm	238 x 48	318 x 48	418 x 48
For the following wire baskets models	CV-28	-	-	-
	CV-75S & CV-75	-	-	-
	CV-150S & CV-150M	-	-	-



UNPERFORATED STAINLESS STEEL BASKETS FOR LABORATORY WASTE STERILIZATION

Reference		CCI-28	CCI-75S	CCI-75	CCI-150S	CCI-150M
Dimensions	Exterior Ø x H mm	270 x 185	370 x 180	370 x 265	470 x 190	470 x 235
	Interior Ø x H mm	260 x 180	360 x 175	360 x 260	460 x 185	460 x 230
For autoclaves with the following chamber volumes	33 L	2	-	-	-	-
	55 L	3	-	-	-	-
	79 L	-	3	2	-	-
	115 L	-	4	3	-	-
	175 L	-	-	-	4	3



STAINLESS STEEL "SCHIMMELBUSCH" DRUM FOR MEDICAL INSTRUMENTS STERILIZATION

Reference		TBE-24x16	TBE-34x24	TBE-48x24
Dimensions	Exterior Ø x H mm	240 x 165	340 x 240	480 x 240
	Interior Ø x H mm	230 x 155	330 x 230	470 x 230
For autoclaves with the following chamber volumes	33 L	2	-	-
	55 L	4	-	-
	79 L	-	2	-
	115 L	-	3	-
	175 L	-	-	3



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Accessories

STAINLESS STEEL CYLINDERS FOR PETRI DISHES STERILIZATION

Reference		CEP-1027	CEP-1041	CEP-1427	CEP-1441
Dimensions	Exterior Ø x H mm	100 x 270	100 x 410	140 x 270	140 x 410
	Maximum number dishes / cylinder	10	18	10	18
Petri dishes	Diameter Ø mm	80	80	120	120
	33 L	4	4	2	2
For autoclaves with the following chamber volumes	55 L	8	4	4	2
	79 L	16	8	10	5
	115 L	24	16	15	10
	175 L	28	14	16	8



STAINLESS STEEL CYLINDERS FOR PIPETTE STERILIZATION

Reference		CEPP-726	CEPP-740	CEPP-1025	CEPP-1435
Dimensions	Exterior Ø x H mm	70 x 260	70 x 400	100 x 250	140 x 350
	Interior Ø x H mm	60 x 250	60 x 390	90 x 240	130 x 340
For autoclaves with the following chamber volumes	33 L	11	11	6	6
	55 L	22	11	12	12
	79 L	42	21	20	10
	115 L	63	42	30	20
	175 L	90	30	51	34



HEIGHT ADJUSTABLE TRAY SUPPORT

Reference		SRA-R-300	SRA-R-400	SRA-R-500
Dimensions Ext.	Ø x H mm	250 x 190	350 x 180	450 x 180
Max. number trays / support		4	4	4
Trays	Reference	TRAY-SRA-R-300	TRAY-SRA-R-400	TRAY-SRA-R-500
	Dim. Ø x H mm	240 x 20	340 x 20	440 x 20
For autoclaves with the following chamber volumes	33 L	2	-	-
	55 L	3	-	-
	79 L	-	3	-
	115 L	-	4	-
	175 L	-	-	4



*The purchase of a tray support comes with a set of two trays and six fastening clips. Likewise, the purchase of a tray includes a set of three fastening clips.

- For sterilization of instruments, small bags and other small objects that must be placed straight up.
- Material: AISI-304 stainless steel.



Accessories

FLEXIBLE CORE TEMPERATURE PROBE PT-100 CLASS A

- After installing this accessory, the temperature regulation of the sterilization cycle can either be controlled by the main chamber temperature sensor or both the main chamber temperature sensor and the temperature sensor of the flexible core temperature probe.
- The temperature control by the flexible core temperature probe is especially advantageous for processes involving the sterilization of large volumes of liquids, where the sterilization process is regulated by both the temperature achieved in the center of the liquid sample as well as the temperature achieved in the sterilization chamber. Furthermore, should the autoclave be opened at chamber temperatures higher than 80°C there is a risk of liquids boiling over which can be avoided if the temperature of the sample is controlled throughout the sterilization procedure.
- Must be installed in our facilities.

Reference: **PT-2**



EXTERNAL TEMPERATURE PROBE ADAPTER



- External adapter for continuous validation processes that allows the access of an external probe (Ø 3-6 mm) to obtain a temperature reading independent from that of the equipment microprocessor.
- It is located on the door of the autoclave.
- Must be installed in our facilities.

Reference: **EXT-TP**

INTEGRATED THERMAL PRINTER



- Prints program number, cycle number, temperature, date and hour of the run and error messages.
- Selectable printing cadence between 10 and 240 seconds.
- Must be installed in our facilities.

Reference: **IT**

Consumable:
Paper: **PAPER-IT**

TABLE TOP DOT MATRIX PRINTER



- Prints program number, cycle number, temperature, date and hour of the run and error messages.
- Used with RS-232 connection.
- Selectable printing cadence between 10 and 240 seconds.

Reference: **ITS**

Consumables:
Paper: **PAPER-ITS**, Ribbon: **70945**

PREMIUM CASTERS (2 WITH BRAKES)



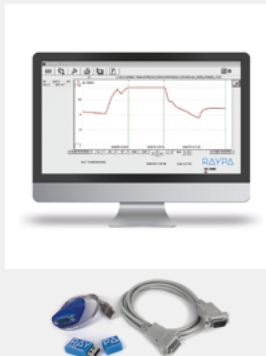
- Although all AE-DRY Series autoclaves include casters, this accessory offers the option of upgrading them with a more resistant and higher quality casters that include brakes.
- Enables an easier movement of the equipment.
- Must be installed in our facilities.

Reference: **4WHBR**

Vertical autoclaves with drying

Accessories

SW7000 SOFTWARE



- Communication software between the equipment and the PC that allows the real-time and posterior visualization and registry of each cycle. Cycles can also be exported to Excel or printed.
- Connection to PC via RS-232.
- Supplied with a RS-232 cable, an USB stick that includes the software and installation drivers and a RS-232 to USB adapter.

Reference: **SW7000**

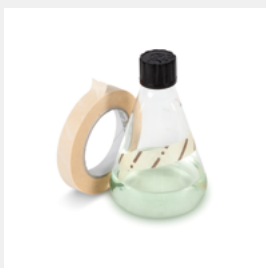
TRANSPORT TROLLEY



- Auxiliary trolley to assist the loading and unloading of the autoclave.
- Built in chromed iron and plastic.
- The surface of each shelf is textured to prevent the load from shifting.
- Rubber coated wheels to reduce noise.
- Dimensions (LxDxH): 730 x 490 x 700 mm.

Reference: **TR-TR**

STERILIZATION CONTROL TAPE



- Class 1 indicator for steam sterilization. The change of color indicates that the materials have been processed, without being a guarantee of proper sterilization, additional methods are needed such as biological indicators (EN ISO 11138).
- Tape roll of 50 m x 19 mm.

Reference: **TEST-CT**

20 min 121°C
Color change.

CABLE GLAND



- Installation of a Ø2mm or Ø4mm cable gland to provide access to as many as eight external temperature probes for calibration and validation procedures.
- Must be installed at our factory.

Reference: **PRENSACLAV**

AUTOMATIC WATER FILLING KIT



- Water pump to automate the feed of the independent water tank with purified water.
- Compatible with installations that either have a purified water network, a purified water tank or facilities that have an unpurified water network, in the latter case, the kit should be supplied with two other accessories: water purifier (ECOPUR-500) and purified water tank (TANK-KLL).
- Must be installed in our facilities.

Reference: **KLL**

ECO-EFFICIENT WATER PURIFIER



- Direct flow eco-efficient water purifier without water accumulation capable of filtering 1,3L/min with LED display.
- The installation of this accessory requires the joint installation of the external tank (TANK-KLL) and the automatic water filling system (KLL) corresponding to each model.

Reference: **ECOPUR-500**

Exterior dimensions L x D x H mm	Purity (TDS) ppm	Electrical conductivity µS	Hardness mmol/l
220 x 425 x 415	0,0005	>1	0,0125

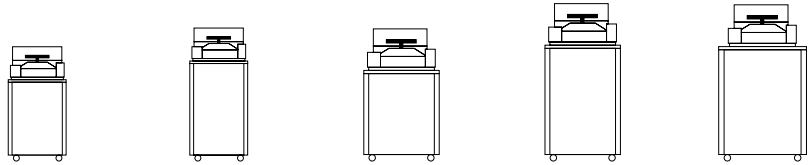


TECHNICAL SUMMARY OF AE-DRY SERIES AUTOCLAVES

General classification	Recommended setting	General laboratory
	Equipment placement	Floor-standing
	Load direction	Top-loading
	Chamber profile	Round
Recommended type of load	Culture media and liquids	++
	Laboratory waste bags	++
	Porous solids and wrapped loads	+
	Glassware	++
Sterilization technology features	Method to generate steam	Heating elements
	Type of purge	Vacuum
	Vacuum drying by heating jacket and vacuum pump	✓
Transfer of data	RS-232	✓
Batch printers	Integrated printer	○
	External printer	○
Sterilization chamber and door specifications	Sterilization chamber volume	33 - 175 L
	External building material	AISI-304
	Sterilization chamber material	AISI-316L
	Heating elements material	Incoloy® 825
	Gasket material	Silicone rubber
	Min.- max. sterilization temperature	100 - 134°C
	Maximum pressure (above atmospheric pressure)	2,1 Barg
	Mechanism to open the door	Manual wheel
	Direction in which the door opens	Lateral
	Automatic locking with pressure	✓
Thermally insulated door	✓	
User interface and microprocessor	Screen display	Digital LCD
	Screen size	2 lines x 16 digits
	Total number of available programs	10
	Automatic microprocessor control	✓
	Timer start	✓
Special cycles and process optimization	Agar mode (temperature holding after cycle ends 40-80°C)	✓
	Final postvacuum drying (to completely dry solid loads)	✓
	Temperature regulation by core probe	○
Adjustable cycle parameters	Agar mode	40 - 80°C
	Temperature of sterilization phase	100 - 134°C
	Duration of sterilization phase	1 - 250 min
	Duration of drying phase	3 - 99 min
	Temperature regulation by core probe	On/Off
	Sterilization mode (solids or liquids)	✓
Other specifications	Air intake with bacteriological filter	✓
	Independent water tank capacity	9 - 20 L
	Flexible core temperature probe	○
	Standard casters	✓
	Premium casters with brakes	○
	Pressure gauge	✓
	Electric customization (115-230M V/230-400T V)	○
Special models with augmented power	○	
Services	Third-party qualification (IQ/OQ/PQ)	○

++ Recommended ✓ Standard ○ Optional

TECHNICAL DATA



Specifications

References	AE-28-DRY	AE-50-DRY	AE-75-DRY	AE-110-DRY	AE-150-DRY
Total/usable volume of the chamber L	33/31	55/50	79/75	115/110	175/153
Usable dimensions of the chamber Ø x H mm	300 x 440	300 x 710	400 x 600	400 x 850	500 x 760
External dimensions L x D x H mm	505 x 580 x 1110	505 x 580 x 1290	610 x 700 x 1185	610 x 700 x 1435	750 x 820 x 1400
Loading height mm	795	975	870	1120	1085
Net weight Kg	75	95	123	150	235
Available powers W	2000 or 3200	3200 or 5000	3200 or 6000	4500, 6000 or 9000	6000 or 9000
Standard voltage* V	230	230	230	400	400
Frequency Hz	50/60	50/60	50/60	50/60	50/60

*Other voltages and electrical configurations available on request. Special models with increased power may operate with other voltages.

Safety features

- Safety valve.
- Safety thermostats with manual rearm for the heating jacket and the heating elements.
- Pneumatic door blocking system while positive pressure exists inside the sterilization chamber.
- Open door sensor.
- Thermally insulated door.
- Water level detector in the sterilization chamber.
- Water level detector (min./max.) in the independent water tank with overflow drainage.
- Bacteriological filter for inlet air.
- Heating elements cover.
- Several visual and acoustic safety and warning alarms.

Regulations

All our AE-DRY Series autoclaves are designed to comply with the strictest international directives and standards, including the following regulations:

- **EN-61010-1** Safety requirements for electrical equipment for measurement, control and laboratory use. **Part 1:** General requirements.
- **EN-61010-2-040 Part 2-040:** Requirements for laboratory autoclaves.
- **EN-61326** Electrical equipment for measurement, control and laboratory use. EMC requirements.
- **AD 2000 Merkblatt** Pressure vessels.
- **2014/35/UE** Low voltage.
- **2014/30/UE** Electromagnetic compatibility.
- **2014/68/UE** Pressure equipment.

General features

Adjustable sterilization temperature	100 - 134°C
Adjustable sterilization time	1 - 250min
Adjustable drying time	3 - 99min
Max. pressure	2,1Barg
Sterilization control system	Fully automatic microprocessor control by either chamber temperature probe or flexible core temperature probe
Air purge system	Mechanical displacement by vacuum pump
Vacuum drying system	Vacuum pump plus heating jacket
External building material	AISI-304 stainless steel
Single prevacuum pulse system	Vacuum pump
Sterilization chamber material	AISI-316L stainless steel
Heating elements material	Incoloy® 825
Gasket material	Silicone rubber
Connection to PC	RS-232
Connection to printer	RS-232 or integrated
Number of programs	10 (4 preset and 6 user free)
Programmable auto-start	Up to 24h
Screen type	LCD display
Opening door mode	Horizontal swiveling door with blocking wheel
Monitoring of sterilization parameters	Self-control of obtained values (T° & t) vs programmed values. Cycle is automatically interrupted if obtained values differ from programmed values
Pressure display	Pressure gauge on control panel
Water management	Independent manually fed water tank that automatically feeds the sterilization chamber. Water returns automatically to the independent water tank after cycle is completed. Optional upgrade to fully automatic water feed directly from water network
Drainage system	A drainage connection and a manual valve for overflow and drainage of the independent water tank and a screw to manually clean the drainage filter and drain the sterilization chamber
Casters	Included standard casters, optional upgrade to premium casters with brakes

+ info

YouTube

CLICK!
ACCESS
THE AE-DRY
SERIES
VIDEO

Find out more about our AE-DRY Series autoclaves on our **Youtube** Channel.

📖

Installation guide available for download on our website.

