Алматы (7273)495-231 Ангарск (3955)60-70-56 Архангельск (8182)63-90-72 Астрахань (8512)99-46-04 Барнаул (3852)73-04-60 Белгород (4722)40-23-64 Благовещенск (4162)22-76-07 Брянск (4832)59-03-52 Владивосток (423)249-28-31 Владимарказ (8672)28-90-48 Владимир (4922) 49-43-18 Волгоград (844)278-03-48 Вологда (8172)26-41-59 Воронеж (473)204-51-73 Екатеринбург (343)384-55-89

Ижевск (3412)26-03-58 Иваново (4932)77-34-06 Иркутск (395)279-98-46 Казань (843)206-01-48 Калининград (4012)72-03-81 Калуга (4842)92-23-67 Кемерово (3842)65-04-62 Киров (8332)68-02-04 Коломна (4966)23-41-49 Кострома (4942)77-07-48 Краснодар (861)203-40-90 Красноярск (391)204-63-61 Курск (4712)77-13-04 Курган (3522)50-90-47 Липецк (4742)52-20-81

Киргизия (996)312-96-26-47

Магнитогорск (3519)55-03-13 Москва (495)268-04-70 Мурманск (8152)59-64-93 Набережные Челны (8552)20-53-41 Нижний Новгород (831)429-08-12 Новокузнецк (3843)20-46-81 Ноябрьск (3496)41-32-12 Новосибирск (383)227-86-73 Ноябрьск (3496)41-32-12 Омск (3812)21-46-40 Орел (4862)44-53-42 Оренбург (3532)37-68-04 Пенва (8412)22-31-16 Петрозаводск (8142)55-98-37 Псков (8112)59-10-37

Россия (495)268-04-70

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сыктывкар (8212)25-95-17
Сургут (3462)77-98-35
Тамбов (4752)50-40-97

Казахстан (772)734-952-31

Тверь (4822)63-31-35 Тольяти (8482)63-91-07 Томск (3822)98-41-53 Тула (4872)33-79-87 Тюмень (3452)66-21-18 Улья-Удэ (3012)59-97-51 Ульяновск (8422)24-23-59 Уфа (347)229-48-12 Хабаровск (4212)92-98-04 Чебоксары (8352)28-53-07 Череповец (8202)49-02-64 Чита (3022)38-34-83 Ккутск (4112)23-90-97 Ярославль (4852)69-52-93

https://euroclinic.nt-rt.ru || ecy@nt-rt.ru

Автоклавы Sterix





STERIX redefines the state of the art in the sterilization sector

The STERIX project stems from the need to reaffirm the value of quality. and excellence in the sterilization field and to guarantee the safety of therapies to avoid unexpected economic and legal consequences. The STERIX project contains numerous innovations that elevate reliability and durability.

The STERIX project was developed by Medicare Solutions with a specialized sterilization team.









Hand pieces sterilization without risk of deterioration

To guarantee the sterilization safety, the EN 13060 standard prescribes some rules.

These include the autoclave's ability to expel all air from the pressure vessel.

The presence of air inside the chamber prevents steam from getting in touch on all surfaces and especially on the more difficult surfaces of the micro-mechanisms and hollow bodies.

To achieve the vacuum levels prescribed by the standard quickly, the STERIX autoclaves are equipped with a very powerful two-cylinder vacuum pumps, 44 lt/min - 0.97 bar.

The power of the pump and the fact of working below the limit allows STERIX to guarantee a longer life and reliability of the pump with a significant cost saving.

A powerful cooling circuit allows the pump to work optimally even in intensive work conditions. Turbines and micromotors are dynamic instruments made up of delicate cavities and micromechanisms.

For safe sterilization of these instruments it is necessary to expel the air and eliminate thermal shocks that cause metal alterations that could compromise the precision, reliability and durability of the instruments themselves.





The perfect balance between power and consumption

Excellent performance

The speed of the cycles and the load capacity determine the concept of performance.

STERIX autoclaves perform very fast cycles with a high and flexible «useful» load capacity.

The possibility of doing many cycles during the day reduces the number of instruments required per day and improves work organization with lower costs.

STERIX has been designed for professional offices that work intensively and need to make numerous cycles during the day.

Energy saving

The power of the heating system and the pump enable to work below the limit even in critical conditions and this means less consumption.

The ability to recover thermal energy for the generator, water preheating and ventilated drying, allow for consumption benefits at zero cost. The functions of preheating the chamber and the water and the possibility of programming the sterilization during the night (night cycle) allow for further reduction of costs and consumption.

The autoclave is equipped with 2 tanks of 5.5 liters each, easily accessible and washable.

A water hardness measurement system helps prevent limescale from entering the hydraulic circuit causing malfunctions.

The clean water tank is equipped with a pre-heating and degassing system.

Quick couplings on the front and rear enable the loading and the drain of the tanks.

The entire hydraulic circuit is protected by removable and washable stainless-steel filters. These prevent impurities from entering the circuit and causing malfunctions.







Stainless steel chamber 20 years warranty

The STERIX line presents two models that differ in the capacity of the pressure vessel:

STERIX 18 with 18 liters chamber STERIX 24 with 24 liters chamber

Both chambers are made of stainless steel made with a mold and without welding.

The absence of welding guarantees smooth surfaces and eliminates risks of failure.

Safety

The innovative design of the chamber, the absence of welding and a certified testing system guarantee maximum safety.

The closing mechanism has been designed to guarantee maximum safety. The four-hinge locking system eliminates the danger of accidental hinge failure.

The door closing is manual and precise

Unlike motorized closures, the door can be easily opened even in the event of a blackout.

The electromagnetic lock prevents accidental opening of the door during the phases of the cycle

Maximum capacity

Thanks to a larger diameter (260 mm) and a special basket (Modular Tray System) a greater load capacity is obtained compared to many autoclaves of the same category: seven trays, four cassettes or a mixed load.

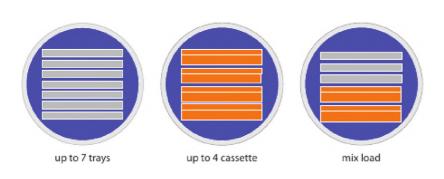
In this way, more instruments can be sterilized correctly, without excessive overlapping of bags.

Duration

The special chamber design of the rooms allow us to offer a 20 year/100,000 cycle warranty on the chamber in regular use and maintenance conditions.

Modular Trays System (MTS)

The new MTS support system is very innovative not only because it expands the load capacity but because it allows a more flexible use. Thanks to the modularity it is possible to set the height of the shelves to house the trays (up to seven) and / or the cassettes (up to four) or even a mix of both. (eg three trays and two cassettes or four trays and an implantology kit).







Technology in the name of simplicity and security

The control panel consists of a large Full Screen display with Touch buttons.

The large display allows all information to be shown in an exhaustive and orderly manner and this simplifies its use.

The operator can choose between eight sterilization programs and two Test programs.

The cycles are stored by the microprocessor and can be downloaded through the Wi-Fi.

The LED display ensures easy readability from all positions and offers greater guarantees of visibility and durability than LCD displays even in extreme weather conditions.

- Self-diagnosis
- Night cycle
- Cycle counting
- Maintenance/validation recall
- Automatic shutdown

IoT - Internet of Things

Thanks to this technology the autoclave becomes a browser to which you can connect from any device (lab top, PC, tablet, smart phone, etc.).

Thanks to this device it is possible
1) view the history of the autoclave
and print the data for traceability
2) check the autoclave remotely
3) carry out diagnostics by remote
4) carry out calibrations

5) update the software

This technology makes memory cards and USB devices obsolete. An external printer socket is available for cycle reports and label printing for envelope tracking purposes.

NFC - Near Field Communication

The NFC system allows the autoclave to recognize the operator and his qualifications.

Thanks to this system, the operator can automatically "sign" the cycles performed, guaranteeing a higher level of responsibility and traceability.

Fast Validation Mode

The autoclaves are equipped with ten programs, but the operator is free to determine which one has to be active and to block those that are not used. This function simplifies the validation processes.

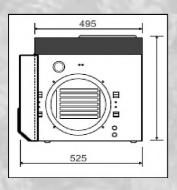


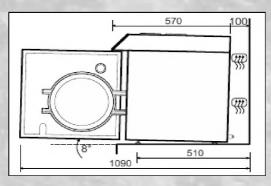
STERIX

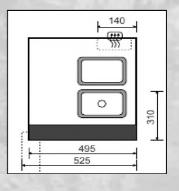
Ciclo	Programs								Test		
	1	2	3	4	5	6	7	8	VT	B&D	NOT
Description	FULL LOAD	FULL LOAD	FAST	SMALL LOAD	CASSETTE	FULL FABRICS	PRION	CUSTOM	VACUUM TEST	B&D	
Туре	В	В	N	В	В	В	В	(4)	TEST	TEST	
Temperature °C	134 °C	121 °C	134 °C	134 °C	134 °C	121 °C	134°C	121-135 °C	Cold	134 °C	
Steriliz. Time.	5'	20'	4'	4'	6'	20'	18"	3'-90'		3,5'	
N. vacuum phases	3	3	2	3	4	4	3	2-3-4	1	3	
Drying Minimum time 18l (24l)	18' (20')	221(241)	3 (5")	8′(10′)	18' (20')	22'(24')	18'(20')	As in the cycles 3-1 e 6		18' (20')	1
Smart Drying Minimum time 18l (24l)	9'{11')	14'(16')	3 (5")	7' (9")	13'(15')	17"(19')	9'(11')	As in the cycles 3-1 e 6		9(113	
H ₂ O consumption 18lt (24l)	540 (700)	540 (700)	340 (440)	440 (570)	780 (1000)	780 (1000)	540 (700)	340-780 (440-1000)		540 (700)	2
Load type	Solid, porous, hollow A and B wrapped (Rif EN868)	Solid, po- rous, hollow A and B wrapped (Rif ENS68)	Solid unwrapped (rif EN13060) par. 10.5	Solid, porous, hollow Aland B wrapped (Rif EN868)	Solid, porous, ho ow A and B wrapped (Rif ENB68)	Solid, porous, hollow A and B wrapped (Rif EN868)	Solid, porous, hollow A and 8 wrapped (Rif EN868)	Depend by selected parameters	No load	Helix test Bowie & Dick test	
Load max 18lt	4,0kg solid 1,5kg parous	4,0kg solid 1,5kg parous	1,0kg solid	1,0kg solid 0,5kg porous	4,0kg solid 1,5kg poraus	4,0kg solid 1,5kg parous	4,0kg solid 1,5kg porous	Depend by parameters			3
Load max 24lt	6,0kg solid 2,5kg porous	6,0kg solid 2,5kg porous	1,5kg solid	1,5kg solid 0.8kg perous	6,0kg solid 2,5kg paraus	6,0kg solid 2,5kg porous	6,0kg solid 25kg porous	Depend by parameters			3
Functional Test	Helix test EN13060 par. 10.6	Helix test EN13060 par. 10.6		Helix test EN13060 par. 10.6	Helix test EN13060 par. 10.6	Helix test EN13060 par, 10.6	Helix test EN13060 par. 10.6	To be set up by the user		EN867-5	
Note								4			

Note

1)It may be shorter if the SMART DRY function is settled; 2) It can be greater if the load is very absorbent 3) Solid /porous parameters determined according to the EN 13060 standard procedure, the actual load may differ depending on his shape and packaging, in case of mixed load consider the worst condition. 4) The CUSTOM cycle must be qualified and verified by the person responsible for the process as the combination of parameters has not been previously verified.







Алматы (7273)495-231 Ангарск (3955)60-70-56 Архангельск (8182)63-90-72 Астрахань (8512)99-46-04 Барнаул (3852)73-04-60 Белгород (4722)40-23-64 Благовещенск (4162)22-76-07 Брянск (4832)59-03-52 Владивосток (423)249-28-31 Владикавказ (8672)28-90-48 Владимир (4922) 49-43-18 Волгоград (844)278-03-48 Волоград (8472)26-41-59 Воронеж (473)204-51-73 Екатеринбург (343)384-55-89 Ижевск (3412)26-03-58 Иваново (4932)77-34-06 Иркутск (395)279-98-46 Казань (843)206-01-48 Калининград (4012)72-03-81 Калуга (4842)92-23-67 Кемерово (3842)65-04-62 Киров (8332)88-02-04 Коломна (4966)23-41-49 Кострома (4942)77-07-48 Краснодар (861)203-40-90 Курасноярск (391)204-63-61 Курск (4712)77-13-04 Курган (352)50-90-47 Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13 Москва (495)268-04-70 Мурманск (8152)59-64-93 Набережные Челны (8552)20-53-41 Нижний Новгород (831)429-08-12 Новокузнецк (3843)20-46-81 Ноябрьск (3496)41-32-12 Новосибирск (383)227-86-73 Ноябрьск (3496)41-32-12 Омск (3812)21-46-40

Омск (3812)21-46-40 Орел (4862)44-53-42 Оренбург (3532)37-68-04 Пенза (8412)22-31-16 Петрозаводск (8142)55-98-37 Псков (8112)59-10-37 Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сыктывкар (8212)25-95-17
Сургут (3462)77-98-35
Тамбов (4752)50-40-97

Тверь (4822)63-31-35 Тольяти (8482)63-91-07 Томск (3822)98-41-53 Тула (4872)33-79-87 Тюмень (3452)66-21-18 Улан-Удэ (3012)59-97-51 Ульяновск (8422)24-23-59 Уфа (347)229-48-12 Хабаровск (4212)92-98-04 Чебоксары (8352)28-53-07 Челябинск (351)202-03-61 Череповец (8202)49-0-64 Чита (3022)38-34-83 Якутск (4112)23-90-97 Ярославль (4852)69-52-93