USER-FRIENDLY, INTERACTIVE, FAST AND ERGONOMIC

NISEA IT IS THE FULL OPTIONAL FARO CLASS B AUTOCLAVE, ABLE TO MEET THE REQUIREMENTS OF THE MOST ADVANCED PROFESSIONAL NEEDS CONCERNING THE STERILISATION CYCLE.

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NISEA
AUTOCLAVE

EXPERIENCE AND INNOVATION SINCE 1948

CE 0051 MD

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NISEA AUTOCLAVE

USER-FRIENDLY

INTUITIVE INTERFACE

The 5" high-definition colour touch screen display, and its intuitive graphics, make the use of NISEA clear and simple.

INTERACTIVE

EXTERNAL PRINTER

In addition to cycle data, the external printer allows you to print labels with ***barcode*** containing all the information related to the cycles performed.

FULL TRACEABILITY

Cycle data and related reports are automatically saved in the internal memory and can be downloaded in digital format (PDF) via **USB**, **Ethernet** and **Wi-Fi** (optional) or in paper format, using the dedicated external printer (optional).

USER MANAGEMENT

Thanks to the user management system it is possible to identify the operators who use the autoclave and match them with the cycles performed.

ERGONOMIC

EASY LOADING AND UNLOADING

NISEA has been designed to simplify the operations of loading and unloading of both water and tools, in order to make the sterilisation cycle as easy as possible.

INTEGRATED LOADING PUMP

Thanks to the integrated loading pump and the connections positioned on the front, the loading and unloading operations are practical and fast.

MOTORISED DOOR

The motorised opening and closing of the door makes easy and safe the loading and unloading operation of the instruments.

FAST

B-FLASH CYCLE

Thanks to the optimisation activities of the thermodynamic cycle, NISEA performs cycles in a short time, while containing water consumption. The B-Flash cycle, flagship of FARO technology, allows to carry out class B cycles in a shorter time, preserving all the qualities of this type of cycle.

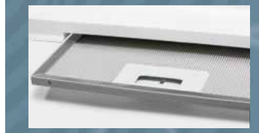
TWO NEW RAPID CYCLES FOR FAST AND SAFE STERILIZATION

FAST S CYCLE

Designed for sterilizing **non-wrapped** materials, **solid instruments**, **simple** hollow items (e.g. cups or containers), and **dental instruments** (contra-angles and turbines) - up to a maximum of **2.2 kg** in approximately **20-21 minutes**.

QUICK S CYCLE

Designed for sterilizing **non-wrapped solid** materials (ready-to-use, **excluding dental instruments** - turbines and contra-angles) - up to a maximum of **1.0 kg** in approximately **13 minutes**.



DUST FILTER

The dust filter protects NISEA from any impurities present in the air, avoiding compromising the cooling system (valves, fans and radiators) and preserving its functionality.

CONDUCTIVITY SENSOR

Designed to preserve the efficiency of the autoclave and avoid deterioration caused by limestone, the conductivity sensor checks the quality of the inlet water in order to guarantee correct operation of the machine over time.

DELAYED START

The possibility to set the sterilisation cycle outside the working time allows greater flexibility and efficiency in managing time and costs.

ENHANCED DRYING

NISEA has been developed to guarantee precise and effective drying in any condition and with any type of load.

LONGER DRYING TIME

Possibility of lengthening the time of drying of the cycles available in case of particularly difficult loading.

DRYING CYCLE

Availability of the drying cycle only for difficult loads and non-optimal environmental conditions.

SUPPLY

TRACEABILITY

- USB connection
- Ethernet connection
- Wi-Fi connection setup (optional)
- Cycle printing setup
- Barcode labels printing setup
- User management

LOADING AND UNLOADING

- Frontal water loading
- Emergency frontal water loading
- Frontal unloading water tank unloading
- Frontal loading water tank unloading
- Connection to the water network

STANDARD

- Water conductivity sensor
- Dust filter
- Delayed start
- Longer drying time
- Last cycle storage
- Last test storage
- Tray holder (shelves) and tray 5+5
- Surgical containers setup 3

OPTIONAL

DISTILLER

Rapid and efficient water purification system.

WI-FI

Wi-Fi connection setup.

EXTERNAL PRINTER

Dedicated printer for printing cycles and barcode labels.

TRAY HOLDER

Tray holder with 3 o 5 shelves (prepared for surgical containers).

TRAY

Trays for loading positioning.

TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS		NISEA 18	NISEA 23
	POWER SUPPLY VOLTAGE	220V – 60 Hz / 230V – 50/60 Hz / 240V – 50 Hz	
	MAXIMUM CURRENT CONSUMPTION	8.9 A	9.6 A
	MAXIMUM POWER CONSUMPTION	2050 W	2200 W
	EXTERNAL DIMENSIONS	493x484x654 mm	
	WEIGHT	57 Kg	61 Kg
	CHAMBER DIMENSIONS	250 x 370 mm	250 x 450 mm
	CHAMBER MATERIAL	Stainless steel	
	LOADING TANK VOLUME	5.2 liters	
LOADS	MAXIMUM UNPACKED SOLID LOAD (Standard cycle)	5.5 Kg	6.5 Kg
LOADS	MAXIMUM PACKED SOLID LOAD (Standard cycle)	3.5 Kg	4 Kg
LOADS	MAXIMUM POROUS LOAD (Standard cycle)	1.5 Kg	2 Kg
LOADS	MAXIMUM PACKED SOLID LOAD (B-Flash cycle)	0.5 Kg	0.7 Kg
LOADS	MAXIMUM POROUS LOAD (B-Flash cycle)	0.2 Kg	0.3 Kg
CYCLE DURATION*	134°C CYCLE - STANDARD	39’	43’
CYCLE DURATION*	134°C CYCLE - PRION	53’	55’
CYCLE DURATION*	121°C CYCLE - STANDARD	50’	53’
CYCLE DURATION*	B-FLASH CYCLE	26’	28’
CYCLE DURATION*	CYCLE AUTONOMY	9	8
NEW		**NISEA 18**	**NISEA 23**
LOADS	**FAST S CYCLE** MAX LOAD OF NON-WRAPPED SOLID INSTRUMENTS	2.2 Kg	2.2 Kg
LOADS	**QUICK S CYCLE** MAX LOAD OF NON-WRAPPED SOLID INSTRUMENTS	1 Kg	1 Kg
CYCLE DURATION**	FAST S - 1 KG	18’	18’
CYCLE DURATION**	FAST S - 2.2 KG	20’	21’
CYCLE DURATION**	QUICK S - 0.5 KG	12’	12’
CYCLE DURATION**	QUICK S - 1 KG	13.5’	13’

* Average values including pre-heating and drying phases with maximum load.
** Values refer to warm machine with drying included.
Reference standards: EN 13060 / EN 61010-1 / EN 61326 / EN 61010-2-40.