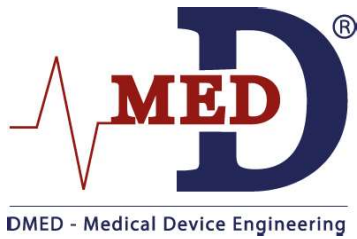


PRODUCT CATALOGUE



EXPERTS IN DECONTAMINATION

www.dmed.it



SEB2000

Automated
Cleaning Station



Safeguarding the operators

Aware of the risks associated with repetitive movements and biomechanical overload, such as carpal tunnel syndrome, we have focused the design of our machinery on the need to improve the safety and well-being of healthcare operators.

DETAILS

Automated Cleaning Station

SEB2000 is an automated cleaning station designed for the pre-cleaning and cleansing of flexible endoscopes. This device automates all the PRE-CLEANSING and WASHING phases of the endoscope that are still manually performed by the operator.

Key benefits

1

Full Process Traceability

2

Decreasing Cross Contamination Significantly

3

Five Tailor-made Washing Cycles

4

Full Automation



Full Process Traceability



RECORDED DATA AVAILABLE FOR PRINTING OR DOWNLOAD

It is possible to internally register up to 100 operators and 200 endoscopic instruments. The operators and instruments can be accessed via a touchscreen or a barcode reader.

Reports can be printed using the integrated printer, exported via USB or to a PC via Ethernet (csv file) for secure and complete electronic traceability.

DMED Device
in compliance
with the
technical report
UNI TR 11662

All Report Data

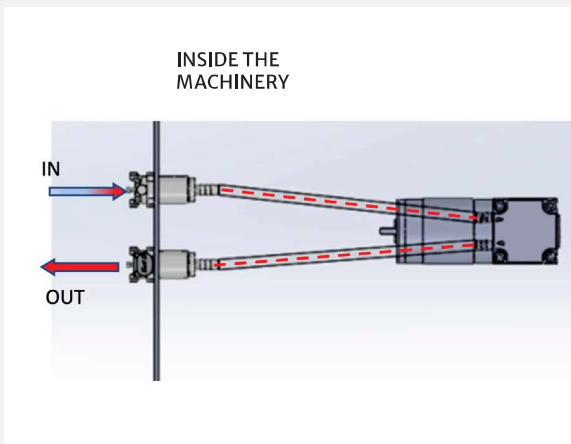
- All cycle information
- Start and end date and time of the cycle
- Unique code assigned to the unit, including serial number, brand, and model
- Name of the operator
- Serial number of the instrument
- Type of cycle performed
- Hospital and department data

2

Decreasing Cross Contamination Significantly

The transmission of pathogens from one individual to another is a serious concern in healthcare facilities. The risk of transmission through endoscopes is low, but given the high number of procedures, it remains important.

Thanks to the addition of advanced functions (e.g., Contactless Function), contact with the machine's structure is completely eliminated, which can also be potentially contaminated due to the daily operations that are normally performed, drastically reducing the danger of infections for the operator.



COMMON DEVICE INTERNAL PUMP

As can be seen in the figure, once the tube is disconnected from the machine, the potentially contaminated liquid remains inside the fittings, pump, and tubing because they are installed inside the machine. Therefore, sanitizing the machine is mandatory, otherwise, there is a high risk of contamination with the next instrument.



SEB2000 EXTERNAL PUMP

In the case of the SEB2000, which is equipped with an external pump, once the washing tube is removed, the residue of the potentially contaminated solution remains only inside the tube. This can then be disinfected in the machine, autoclaved, or disposed of.



Five Tailor-made Washing Cycles

SEB2000 has three factory preset washing cycles, one cycle that can be customized according to your cleaning needs, and a cycle for leak testing. All cycles can be customized according to the internal protocols of each washing room.



Full Automation

WASHING STEPS CONFIRMATION

Thanks to an advanced recognition system, the machine automatically proceeds to the washing phases without the need for touchscreen input.

SELF-REGULATING DETERGENT DOSAGE

Automatic filling with water and dilution of the detergent (according to the manufacturer's specifications) directly in the tank.

AUTOMATIC IRRIGATION AND DISCHARGE

Automatic irrigation of the water/detergent mixture through a high-resistance peristaltic pump. Automatic water discharge at the end of each phase.

LEAK TEST

Performed using a diaphragm pump with a pressure control system and a mechanical safety valve against overpressure. The test is carried out at the start of the cycle and is monitored throughout the entire cycle.





INSTRUMENT COMPATIBILITY

The machine is compatible with all brands of endoscopic instruments available in the market.

High Functionality Even in the standard version



INCLUDED FEATURES

-  INTEGRATED THERMAL PRINTER
-  USB PORT
-  WASHING STEPS CONFIRMATION
-  AUTOMATIC DISCHARGE

OPTIONAL

-  SMART DISCHARGE
-  CONTACTLESS FUNCTION
-  BARCODE READER
-  ETHERNET PORT
-  DOUBLE TANK CONTROL (RINSE)
-  ADDITIONAL DETERGENT DISPENSER



Class I medical device in accordance with Annex VIII Chapter III Rule I of the EU Regulation 2017/745 on medical devices.

Complies with European standards:

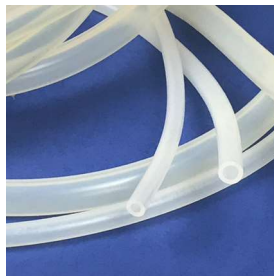
- EN 61010
- EN 61326
- EN ISO14971
- UNI TR 11662
- ISO 13485,
- SNR: IT-MF-000032812
- Basic UDI-DI: 805517623SEB20008W

TECHNICAL SPECIFICATIONS

SEB2000 DETAILS

ELECTRIC POWER SUPPLY	
Voltage	220/240V AC
Frequency	50Hz
Power Consumption	1°
Power	75W
OPERATING ENVIRONMENTAL CONDITIONS	
Temperature	-10°C a + 40 °C
Relative Humidity	30% a 80%
HYDRAULIC CONNECTIONS	
Water (hot/cold)	2 x 3/8"
Discharge	G1-1/4

ACCESSORIES



Silicone autoclavable tubes



Custom fittings



Flow dividers autoclavable