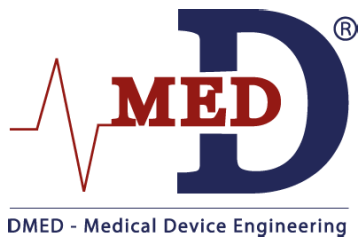


PRODUCT CATALOGUE



EXPERTS IN DECONTAMINATION

www.dmed.it



SEB1000

Smart Endo Box

Endoscope Flushing System



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

Compact benchtop device

SEB1000 is a device designed to automate all the phases of pre-cleaning and washing of flexible endoscopes, thereby eliminating the need for these operations to be performed manually by the operator.

Key Benefits

1

Full Process Traceability

2

Decreasing Cross Contamination Significantly

3

Five Tailor-made Washing Cycles

1

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

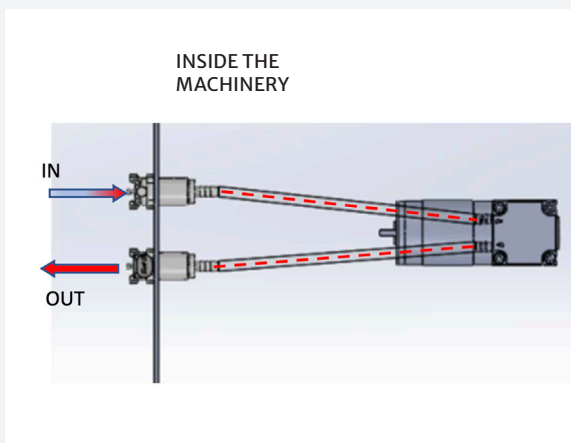
All Report Data

- 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.



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.



SEB1000 EXTERNAL PUMP

In the case of the SEB1000, 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.



3

Five Tailor-made Washing Cycles

SEB1000 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.

AUTOMATIC IRRIGATION

Automatic irrigation of the water/detergent mixture through a high-resistance peristaltic pump.

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

BARCODE
READER

Can be installed
on either the right
or left side

7-INCH COLOR
TOUCH SCREEN



USB PORT



CONNECTIONS
FOR DETERGENT AND
LEAK TEST

EXTERNAL PERISTALTIC
PUMP

INCLUDED FEATURES



INTEGRATED THERMAL PRINTER



USB PORT



WASHING STEPS CONFIRMATION

OPTIONAL



ETHERNET PORT



BARCODE READER



AUTOMATIC DETERGENT DOSING



FLOW RATE MANAGEMENT WASHING PUMP



Medical device class I 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
- UDI-DI di base: 805517623SEB10008P

TECHNICAL SPECIFICATIONS

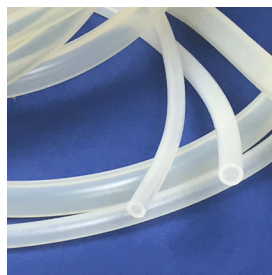
SEB1000 DETAILS

ELECTRIC POWER SUPPLY	
Voltage	220/240V AC
Frequency	50Hz
Power Consumption	1A
Power	75W
OPERATING ENVIRONMENTAL CONDITIONS	
Temperature	-10°C a + 40 °C
Relative Humidity	30% a 80%
SIZE	
Overall Dimensions (L x H x P)	380x250x230 mm
Minimum Support Surface (L x P)	330x230 mm

ACCESSORIES



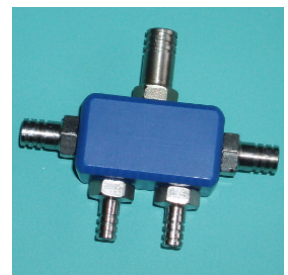
Control panel designed to minimize space.



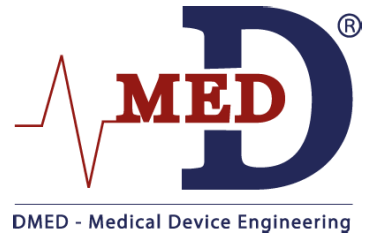
Silicone autoclavable tubes



Custom fittings



Flow dividers autoclavable



Warranty & Support

Depending on the available budget, resources employed, and established objectives, we combine various types of maintenance to ensure successful outcomes and increased efficiency.

2 years warranty

All our products come with a 2-year warranty and will be regularly serviced to keep them functioning correctly, minimizing breakdowns.

Support within 12h

You will have a direct number for emergencies and fault reporting. One of our experts will contact you within 12 hours to resolve the issue.



Information

Via Campagna 90
31037 Loria, Treviso
P.IVA 04672530260



Contacts

Telefono: 0423 459003
Email: info@dmed.it
Website: www.dmed.it

SPACE FOR DEALER'S
SIGNATURE OR STAMP



DMED is a dynamic and enterprising company equipped with all the necessary knowledge applicable in the field of infection control, cleaning, and disinfection (both chemical and thermal) in the medical and healthcare sector.