



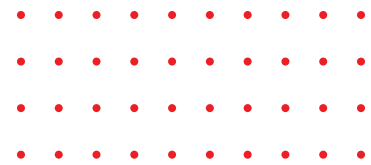
DMED - Medical Device Engineering

# SEB2000

Automated  
cleaning station  
for endoscope reprocessing



# MODULE FOR ENDOSCOPES CLEANING



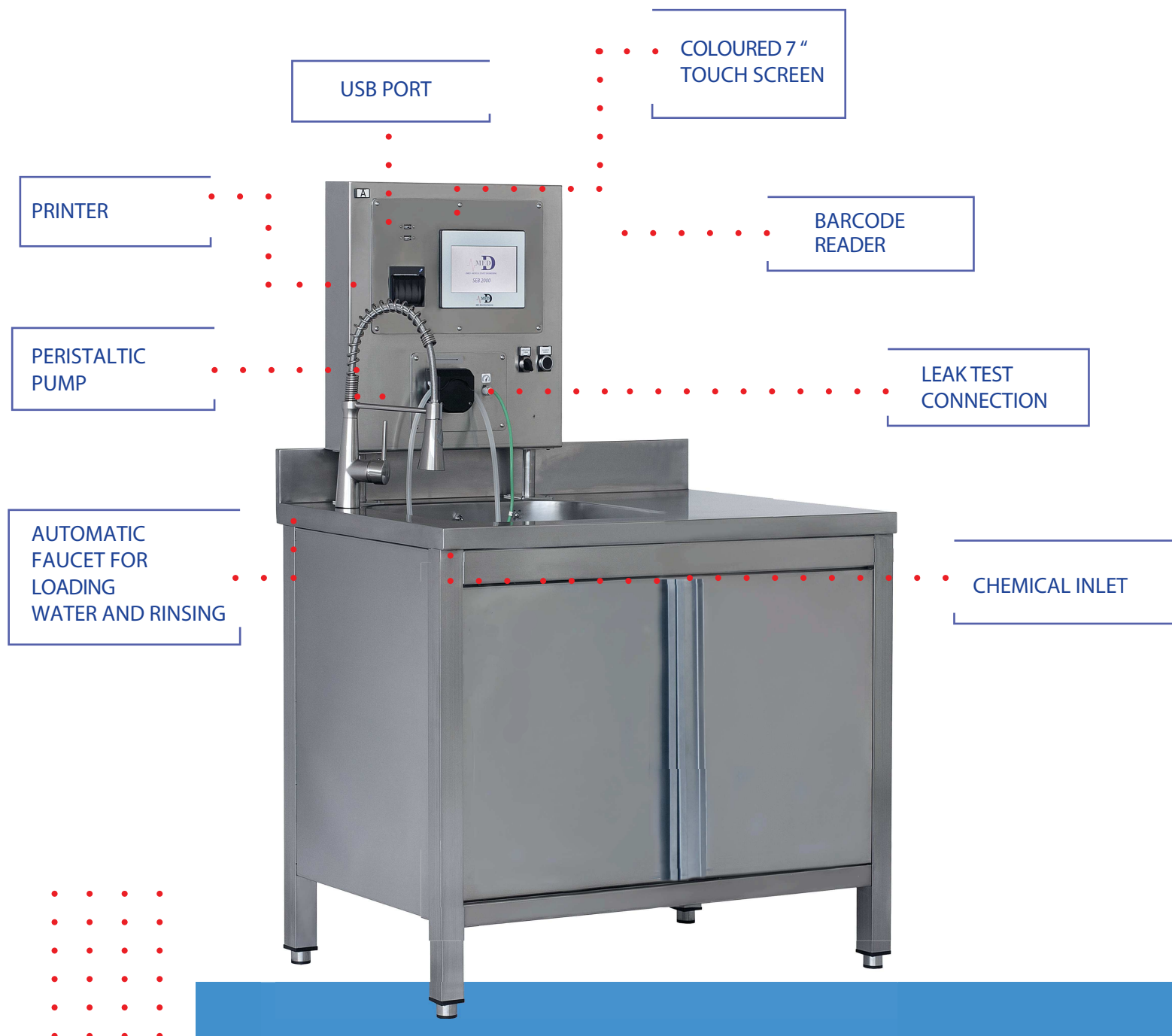
## KEY BENEFITS

- IT Traceability of the whole cycle
- Nr. 5 different washing cycles customizable
- Irrigation pipes removable and sterilizable by autoclave
- Automatic water and detergent dosing system
- Automatic water drain
- Meet the recommended reprocessing standards and guidelines



After every endoscope procedure, an endoscope must be cleaned, disinfected and safely stored ready for its next use. In order to achieve the highest level of disinfection, an endoscope must undergo a rigorous pre-cleaning process to remove any contaminants from its surfaces.

**SEB 2000** is an automated bench intended for prewash and cleaning of flexible endoscope. Automated functionality in a user friendly system allows staff to complete each scope cleanly with assured accuracy and compliance



## OPTIONAL



BARCODE READER



SMART DRAIN



PRINTER



STEP CONFIRMATION



DOUBLE USB PORT  
CYCLE TRACEABILITY



EXTRA DOSING SYSTEM



ETHERNET PORT ( RJ45)  
CYCLE TRACEABILITY



CONTACT LESS SENSOR

## LEAK TEST

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Performed by means of a pump with pressure control and safety valve against over pressure.

The test is performed at the beginning of the cycle and kept under control for the entire duration of the cycle.

## WASHING PHASE

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Automatic irrigation of the water / detergent mixture by means of a high resistance peristaltic pump.

## CHANNEL DRAINAGE

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Ensures the removal of residual liquid present in the instrument channels from the previous washing phase

## INSTRUMENT CONNECTION

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Wide range of connection systems for each instrument dedicated to leak test, biopsy channel, air and water.

## CONTROL SYSTEM

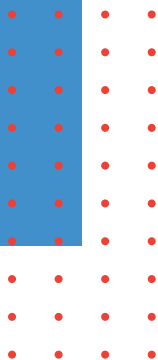
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Monitors and controls the operations and functions of the washing system

## SMART DRAIN

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Thanks to an advanced system, the machine automatically recognizes when the drain is finished or not optimizing cycle times.



## CONTROL PANEL

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The operator interface is a 7 "color touch screen display that allows the operator to constantly monitor and view the various phases of the washing cycles in real time.

## IT TRACEABILITY

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Full traceability is ensure via a ticket, usb report or .cvs file which identifies the operator, the endoscope, the chronology of the different phases, contact times and products with bath number.

## AUTOMATIC DOSING DETERGENT

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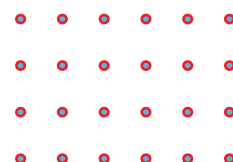
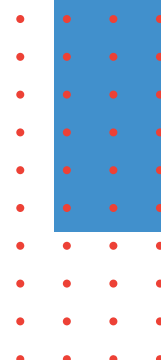
Performed by means of a pump, it dosages the right quantity of detergent reducing risks of waste and over dosages damaging for the instrument.

Possibility to add an additional dosing pump  
( i.e. Decontamination)

## AUTOMATIC STAGE CONFIRMATION

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Thanks to an advanced recognition system, the machine automatically proceeds to the washing phases without the aid of the touch screen.



# BENEFIT

- Reduction of the operator's osteoarticular diseases, in particular carpal tunnel syndrome;
- High-performance pump for suction and irrigation of canals
- NO CONTACT BETWEEN THE LIQUID AND THE MECHANICAL PARTS to eliminate any risk of contamination
- Acoustic and visual signal at each end of step to guide the operator in all treatment phases
- Complete traceability of washing process by means of printer, USB or PC.
- Automatic dosing detergent in relation to the dosage water
- Automatic drain with smart water detection
- Dinamyc rinsing
- Custom sink based on customer needs



## Power supply:

Voltage range: 110 ÷ 240 VAC  
AC current: 500 mA  
Power: 40W

## Enviroment:

Working temperature: -10 ÷ + 40 °C  
Working Humidity: 30 ÷ 80 %

## Utilities:

Water: 3/4 "  
Drain 1-1/4"

MEDICAL DEVICE Class I, according with all. VII Dir. 93 / 42 / CEE  
EN60601, EN61326-1, EN ISO 14971.

BD / RDM 1459670/R



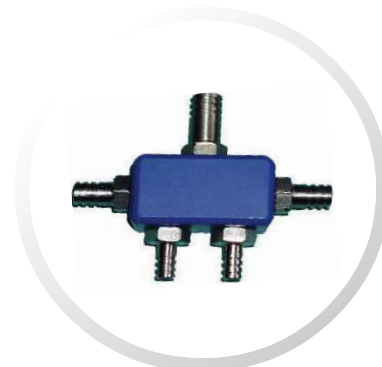
# ACCESSORIES



SILICON PIPES



CUSTOM FITTINGS



FLOW DIVIDER



*DMED - Medical Device Engineering*


**ISO 13485**

**BUREAU VERITAS**  
Certification



DMED is a dynamic and enterprising company complete with all the appropriate knowledge applicable in the field of infection control, cleaning and disinfection, both chemical and thermal in the medical and hospital sector.

## CONTATTI

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