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DECLARATION

31 July 2025

Automatic Chemical Dosing System – endoCleaner

To whom

We hereby declare that the endoCleaner endoscope washer-disinfector is equipped with an automatic dosing system based on a calibrated peristaltic pump mechanism designed to ensure safe, accurate, and traceable chemical delivery throughout the disinfection process.

System Description:

Each chemical agent (detergent and disinfectant) is stored in a dedicated container, connected to an individual dosing pump. These pumps are operated and controlled by the device's PLC (Programmable Logic Controller) based on the selected washing/disinfection program.

Features and Functional Capabilities:

1.Accurate Dosing:

Dosing is performed with precise timing and calibrated flow rates to ensure accurate delivery of each chemical.

2.Integrated Weight Control:

The system features built-in weight sensors under each chemical reservoir.

-These sensors continuously monitor the weight before and after dosing to calculate the actual delivered amount.

-If the actual dosage deviates from the programmed value (under- or over-dosing), the system automatically stops the process and triggers an audible and visual alarm to prevent any deviation from validated parameters.

3.Traceability and Logging:

When the traceability software is activated, each dosing operation is recorded, ensuring full traceability for process verification and quality audits.

4.Configurability:

All dosing parameters are initially set during installation and commissioning, in line with the chemical manufacturer's instructions, and can be modified by authorized personnel if required.



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This declaration has been prepared in response to the tender requirements, and confirms that the endoCleaner system complies with international standards for automated dosing, chemical safety, and process traceability.

Aort Sağlık Hizmetleri ve Bilgi İşlem
Sistemleri Turizm İnşaat Sanayi Ticaret LTD. ŞTİ.

AORT SAĞLIK HİZMETLERİ
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