EVOLVING TO
A HIGHER STANDARD
OF CARE
SYSTEM 1E® Liquid Chemical Sterilant
Processing System
Meeting Your Evolving Needs in the GI
In today's fast-paced GI there is a need to assure patients that best practice reprocessing solutions are being used.

Healthcare-associated infections are driving GI departments to review current processes, and make choices that provide peace of mind that each and every scope is reprocessed to the highest standard available.

A Higher Standard of Reprocessing
SYSTEM 1E® Liquid Chemical Sterilant Processing System's validated process goes beyond high level disinfection and eliminates bacterial spores.

As of March 2015, the U.S. Food and Drug Administration (FDA) recommends sterilization for all semi-critical devices.¹

A Higher Standard of Productivity

SYSTEM 1E®
Liquid Chemical Sterilant Processing System
FDA cleared for liquid chemical sterilization of complex endoscopes

Ethylene Oxide (EtO)
General claims; not specific for sterilization of duodenoscopes

No required aeration allows for immediate use after liquid chemical sterilization.

¹Reprocessing Devices in Healthcare Settings: Validation Methods and Labeling - Guidance for Industry and FDA Staff, March 17, 2015, pg. 10.
²FDA Executive Summary: Effective Reprocessing of Endoscopes used in Endoscopic Retrograde Cholangiopancreatography Procedures, pg. 40, May 14-15, 2015
As of March 2015, the U.S. Food and Drug Administration (FDA) recommends sterilization for all semi-critical devices.

A Higher Standard of Safety
The SYSTEM 1E Liquid Chemical Sterilant Processing System addresses the reprocessing needs of today’s most complicated, heat-sensitive, reusable flexible endoscopes.

Its innovative design helps ensure S40 Sterilant reaches all parts of the endoscope, including ports which are commonly shielded from germicide contact in AERs with tight fitting adapters.

Our Quick Connects provide you the right fit for ports, regardless of the endoscope you are reprocessing.

MaxFlow Adapters provide complete chemistry use-dilution flow to lumens, adapter and ports.

Gentle - Yet Powerful
S40™ Sterilant Concentrate is a single use peracetic acid chemistry designed specifically for use with the SYSTEM 1E® Processor. It requires no special ventilation, and the use-dilution has a neutral pH that allows it to rinse safely down the drain.

“To date, only liquid chemical sterilants have been cleared by Food and Drug Administration (FDA) specifically for sterilization of complex endoscopes, such as duodenoscopes.”

The many validated devices have been confirmed for excellent material compatibility.
A Proven Process

The robust filtration and UV irradiation systems extensively treat potable water for the liquid chemical sterilization process. This water treatment process creates water for use in the SYSTEM 1E® Processor that is the highest quality available in any automated liquid reprocessing system.

**A Proven Process**

The robust filtration and UV irradiation systems extensively treat potable water for the liquid chemical sterilization process. This water treatment process creates water for use in the SYSTEM 1E® Processor that is the highest quality available in any automated liquid reprocessing system.

**Potable Water - 99.99% virus reduction**

**Pre-filtration - Removes some bacteria and inorganic particulates**

**UV Irradiation - Inactivates MS2 virus* and achieves greater than or equal to 99.9999% (MS2 virus) reduction**

**MaxPure Filter - Removes bacteria, fungi and protozoa**

Extensively treated water flows continuously through the internal MaxPure filter throughout the fill and rinse phases.

**SYSTEM 1E® Liquid Chemical Sterilant Processing System** provides the productivity you demand, the safety needed for staff, patients, and delicate instruments, and the assurance only liquid chemical sterilization offers. Choose The Only Practical Solution for your reprocessing needs.

*MS2 (surrogate virus) is recommended by the EPA as a test virus for validating UV Viral inactivation systems for the production of potable water.

**Removes bacteria, fungi, and protozoa ≥ 0.1 µm**

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**Sterilization Solutions**

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