Specialists in endoscope reprocessing for more than 35 years!

EndoHigh® PAA & EndoHigh® Detergent

Excellent Process Performance

WASSENBURG medical

Wassenburg has designed its process chemicals around superior cleaning performance and safety. This results in fast process times, lower costs due to reduced maintenance and low environmental impact. All EndoHigh® product combinations are exclusively developed for WASSENBURG® washer-disinfectors, providing excellent and safe process performance. EndoHigh® PAA is a liquid high-level disinfectant based on peracetic acid used for automated reprocessing of flexible endoscopes.

ACHIEVES EFFICACY FAST

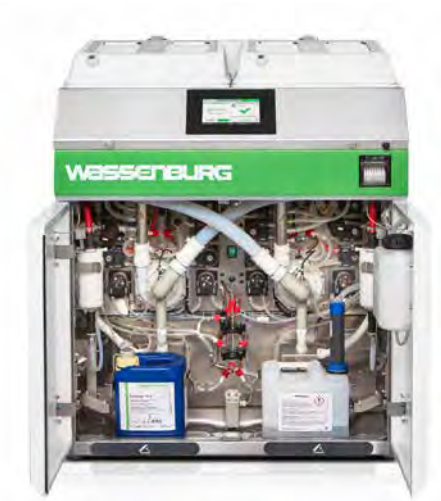
The comprehensive activity spectrum -including .sporicidal (C.difficile) efficacy - of EndoHigh® PAA helps you to reach a high level of patient safety. The required spectrum is covered in just 5 minutes at 35°C.

ENDOHIGH® PRODUCT COMBINATION

EndoHigh® Detergent is fully compatible with EndoHigh® PAA. The outstanding cleaning efficacy of the EndoHigh® Detergent results in a short washing process for an endoscope washed within WASSENBURG® equipment. EndoHigh® Detergent is a reliable detergent for manual and automated cleaning of flexible endoscopes in WASSENBURG® washer-disinfectors, as well as in immersion and ultrasonic baths.

SINGLE USE

This single use disinfectant does not require an activator or mixing of ingredients during a process cycle and thus creates a safe environment for the user.



ENDOHIGH® DETERGENT & ENDOHIGH® PAA

- Excellent cleaning and disinfection performance
- Fast cycle time; a 22 minute cycle*
- Long shelf life 15 months EndoHigh PAA®
- RFID recognition
- Fully compatible with all brands of leading endoscope manufacturers

* Exact process times depend on the machine model, the programme selected and local factors e.g. water temperature.
Please contact your local WASSENBURG® supplier for more information on the EndoHigh® PAA and EndoHigh® Detergent.

A FAST PROCESS

Because of the characteristics of the EndoHigh® process chemicals a fast and safe process performance is provided.

Benefits of a fast cycle (22 minutes)

- Increase of reprocessing capacity
- Shorter turnaround of endoscopes
- Less resource consumption

PERFECT MATCH

It is scientifically proven that there is no need for an intermediate rinse: a possible carry-over of a small quantity of EndoHigh Detergent to the disinfection step, has no impact on the disinfection efficacy of the EndoHigh® PAA.

LOW ENERGY CONSUMPTION

The optimized temperature setting results in a process temperature of 35 °C during washing and disinfection. This means less time and energy are needed to reach the right process temperature.

NO SECOND FINAL RINSE REQUIRED

The amount of chemical residue after one final rinse proved to be effective within the limits stated in the type test meaning that the endoscope is fully rinsed to a safe level.

SAFEGUARDING THE PROCESS WITH RFID

All EndoHigh® process chemicals are equipped with RFID recognition to help you safeguard the process . A process will only start with the correct type tested product combination. The risk of human error is minimized because the RFID tag on each canister automatically identifies and checks critical parameters such as expiry date, batch registration, the correct position of the can and the amount of cycles per canister.

RFID

TRACEABILITY ON PROCESS CHEMICALS

With our traceability software Process Manager and Process Reporter, it is easy to record process data from the RFID tag and to build a valuable history that can be used as an effective management tool and to comply with applicable quality systems.

Process chemicals used in endoscope reprocessing must be designed, tested and manufactured according to the European Medical Device Directive 93/42/EEC. As stipulated in ISO 15883 part 1 and 4 a number of type tests need to be performed to demonstrate the efficacy of the selected product combination and the endoscope washer disinfector.

IN VITRO TESTING

The disinfecting activity is proven and confirmed according to DIN EN 14885. EndoHigh® PAA has a bactericidal, fungicidal, mycobactericidal, virucidal and sporicidal activity.

TYPE TESTING

Type tested according to ISO 15883 part 1 and part 4

Test results from type tests performed at the laboratories from Hygcen and Biotech Germande on the complete cycle even without a pre-rinse, prove that EndoHigh® products in combination with WASSENBURG® washer-disinfectors are fully compliant with ISO 15883 part 4 clause 4.1.3.

According to the global mean of microbial reduction factors, all tested micro-organisms induced by the disinfection phase are consistent with the requirements of ISO 15883 part 4 clause 4.4.2.5.

Type tested according to ISO 15883 part 5

The cleaning efficacy is fully tested and approved according to ISO 15883 part 5.

EXCELLENT PROCESS PERFORMANCE

The results of extensive type testing provide the evidence of an effective cleaning and disinfection process in a WASSENBURG® washer-disinfector in combination with EndoHigh® process chemicals. If patient safety is key; choose EndoHigh® process chemicals for an optimum and 100% safe automated process.

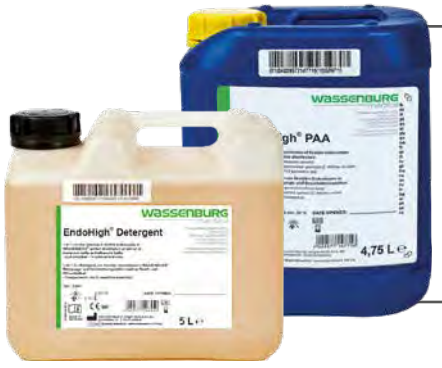
TECHNICAL SPECIFICATIONS

ENDOHIGH® PAA	
Active ingredient	Peracetic acid 11.5%
Efficacy claim	5 minutes at 35°C
Dilution required	Automatically performed in the WASSENBURG® washer-disinfector. The EndoHigh® PAA is for single use and no activator is required.
Dosing concentration	1.3%

ENDOHIGH® DETERGENT	
Active ingredient	Optimised blend of detergents and solubilizers
Efficacy claim	4-5 min at 35°C
Dilution required	Automatically performed in the WASSENBURG® washer-disinfector.
Dosing concentration	0.5%

Use of EndoHigh® Detergent for manual pre-cleaning is preferred.

EndoHigh® product combinations have been exclusively developed for cleaning and high level disinfection of endoscopes reprocessed in the WASSENBURG® endoscope washer-disinfectors.



DESIGNED FOR COMPLIANCE

Type tested according to
ISO 15883 part 1, 4 and 5

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