



***Automated Reprocessing
of Transvaginal, Transrectal and
Surface Ultrasound Probes***



Clean and High-Level Disinfect

Exceeding expectations, reducing risk and improving patient outcomes by performing cleaning and high-level disinfection in a single device.

Ethos Automated Ultrasound Probe Cleaner Disinfector is the first product of its kind to be cleared by the US FDA. Ethos provides both manufacturers recommended cleaning and high-level disinfection of soiled endocavity and surface ultrasound probes in the same device.

Once the ultrasound probe is placed into Ethos and data is entered into the microprocessor reprocessing begins. The probe is first rinsed free of any gel or debris prior while the cleaning and disinfection liquid is being prepared and MRC is being validated automatically.



Features:

- Validated and FDA cleared cleaning method for endocavity and surface probes
- Validated and FDA cleared high-level disinfection method for endocavity and surface probes
- High-level disinfection in 3 minutes
- Automatic MRC testing, no manual strip or chip to read
- 7" Color Touch Screen LCD with vivid user icons for easy operation
- 5 nanometer filtered rinse water (0.005 micron) — FDA cleared Class II medical device
- Advanced vapor management system
- Data entry with integrated barcode scanner or manual keyboard entry
- Printed disinfection and maintenance record with integrated printer
- Tracking of maintenance events with reminders to improve device readiness and uptime
- Electronic record logging of all cleaning, disinfection and maintenance events for download, retention of over 15,000 records held in memory

Benefits:

- Validated and repeatable cleaning and high-level disinfection
- Reduced handling of ultrasound probe
- Electronic record retention
- Simplified workflow

24/7
365

On demand web-based training available 24 hours a day, seven days a week, 365 days a year

with an FDA 510k Cleared Device



Record Retention

Ethos® provides electronic records retention of the clean and disinfection cycle and records device maintenance events. A printed record is provided with the built-in thermal printer

Water Filter

5 nanometer (.005) water filter that removes bacteria, viruses and endotoxins from the facility water supply for the rinse cycles

QwikCheck™ Chemical Indicator

Ethos® performs an automatic MRC test to ensure the AquaCide® high-level disinfectant has the correct effective concentration to achieve high-level disinfection in 3 minutes.

LCD Touchscreen

A 7-inch color LCD touch display with animated help screens and simple process steps and status during operation

HLD Disinfection

Ethos® utilizes a single-use granulated PAA formulation named AquaCide. AquaCide is mixed within the device and MRC is determined automatically. The PAA formulation generates a disinfectant that has a pH range between 8.5 and 9.0. Ethos achieves high-level disinfection in 3 minutes.



Clean and disinfect in one device!

CleanShield® Ultrasound Storage Cabinet

The CleanShield® Ultrasound Storage Cabinet is designed to effectively and securely store disinfected ultrasound transducers and semi-critical devices by suspending each disinfected probe in a vertical position that minimizes stress on the connection cable, strain relief and electrical pack of the probe.



To ensure a high degree of protection the cabinet is configured with three separate hanging platforms to securely and effectively hold each probe without strain to cables or added stress to the probe. A contoured cradle, located in the center of the cabinet, securely nests the probes while the other two brackets support and suspend the probes minimizing the potential for damage or touching each other.

Features:

- Thermally-fused polypropylene construction — NO chemical compatibility issue
- Two stage filtration — electro-statically charged pre-filters and 99.997% at 0.3 micron HEPA filtered clean air
- Specially designed hanging mounts
- Locking front door for securing ultrasound probes
- Specially designed for endocavity and general purpose ultrasound probes
- Clear polycarbonate viewing panel in door



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