

Chronos®

End Ultrasound Probe Disinfection Bottlenecks

Automated UV-C High-Level Disinfection

- Chemical-free
- 90-second cycle
- Automated traceability
- Cost effective

“ We love our Germitec Chronos® system. It is **fast, easy to use,** and **has helped make our workflow more efficient.** One of the biggest benefits for our team is eliminating harsh chemicals, which helps reduce handling concerns and improve the overall reprocessing environment for staff. Chronos® has been a great addition to our clinic and patient care process.”

— Britney Mathis, RT (R) ADMS (AB OB/GYN)
Intermountain Health Lead Sonographer Budge OB/Gyn & Logan Regional MFM



Ultrasound workflows have advanced.

Probe reprocessing hasn't.¹

- ✗ Long chemical disinfection cycles delay patient throughput
- ✗ Manual, multi-step processes create variability and errors
- ✗ Staff exposure to harsh disinfectants can be risky
- ✗ Compliance documentation is burdensome



Unavailable probes can delay patient care.

“Chronos® allows us to minimize capital expenses related to extra probes to account for downtime during HLD. It has been **a major savings for us**. Your staff will appreciate how fast and easy it is to use.”

– **Pietro Bortoletto, MD, MS**
Co-Founder, Terra Fertility

Simplified Workflow with Chronos®

Just 3 steps for HLD:²

1

Load

Insert compatible probe



2

Disinfect

- Probe is detected (purple LED)
- Launch HLD cycle with a single click
- HLD cycle completes (blue LED)



3

Trace

Every cycle is auto-documented and traceable with Germitrac electronic logbook



Chronos®

What Chronos® Means for Your Department

✓ Improved Throughput

- Typical cycle ~90 seconds³
- No post HLD wiping/drying required
- Predictable probe availability supports patient flow

✓ Reduced Operational Burden

- Minimal training requirements
- Automated disinfection and documentation
- 99.8% uptime. Field proven reliability since 2019⁴
- Simplify workflows

✓ Improved Safety

- Eliminates chemical handling and exposure
- Consistent validated UV-C dose

✓ Compliance Support

- Traceability for audits and infection prevention programs
- Automatic cycle documentation



Chronos®: Clinically Proven

Validated for High-Level Disinfection where it matters most

- **Proven** performance in clinical use
- **Gentle** on compatible probes
- **Independent** evidence supports UV-C inactivation of HPV-16 and HPV-18^{5,6}
- **Designed** to support consistency in ultrasound probe reprocessing
- **High-Level Disinfection** validated to AOAC and ASTM standards

“ We have had no repair costs, no service requests, **no downtime whatsoever** with Chronos®.”

– Karen Waninger, Executive Administrative Director, Clinical Engineering, HTM Franciscan Health





Schedule a demo today!

Join the next generation of ultrasound probe reprocessing!



Scan to learn more

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Designed for Modern Ultrasound Environments

Where Chronos® Fits

- OB-GYN & IVF
- Radiology
- Emergency Medicine
- Urology
- Anesthesiology
- Biopsy

Placement Options

- Exam rooms
- Procedure suites
- Reprocessing areas

Technology that Enables Results

Yuvee® UV-C Technology

- Controlled UV-C dose monitoring
- Probe identification and traceability
- Compatible with all major ultrasound OEMs
- Optical design of reflective chamber eliminates shadowing for compatible probes
- Automated verification



9.7/10

User Satisfaction **



**Internal data as of 05/21/2026

References: 1. Bichsel Medical Marketing Group. (2025) U.S. benchmarking survey assessing ultrasound probe disinfection practices among sonographers (n = 105) [Unpublished survey data]. 2. Chronos® is indicated for use in a healthcare environment to achieve a High-Level Disinfection of surfaces of external, transvaginal and transrectal ultrasound probes that do not contain lumens and that do not contain indentations or channels that are deeper than their widths. 3. Internal data: average cycle time – 90 seconds. 4. Proven on French fleet since 2019. 5. Meyers C, et al. (2017) UVC radiation as an effective disinfectant method to inactivate human papillomaviruses. PLOS ONE 12 (10) : e0187377. 6. Pichon M, et al. (2019) Decontamination of Intravaginal Probes Infected by Human Papillomavirus (HPV) Using a UV-C Decontamination System. *J. Clin. Med.*, 8, 1776;doi:10.3390/jcm8111776.