

CardioLab™ Altix AI.i Electrophysiology Recording System

Precision Care through
excellent signal fidelity





What's new in Altix AI.i?

- Prucka 3 offered in 64 and 128 channel configurations
- Customization with signal filtering capabilities
- EP Command Center features a premium large display for the control room so you can see everything you want to see on one screen
- PruckaStream near real-time data stream of 128 channels of EP signal data
- Volta Interface our newest collaboration with VOLTA Medical
- Increased connectivity downstream with DICOM export to PACS
- An in-depth approach with IT and security

Optimize workflow, productivity and throughput

Support even the most complex electrophysiology cases with GE HealthCare's AltiX AI.i edition of CardioLab. Featuring the innovative Prucka™ 3 digital amplifier, this electrophysiology system enables advanced, quick evaluations with the reliability and signal quality you expect.

Advanced software provides enhanced signal fidelity to electrophysiology recording, helping better visualize small physiological signals. CardioLab also offers standardized point-of-care data collection and entry to simplify and support workplace efficiency.



What's inside matters

The CardioLab solution offers a complete package for the EP physician. Built on a legacy of success in electrophysiology, the Prucka 3 amplifier is the secret to CardioLab's enhanced signal fidelity. Prucka 3 introduces a digital platform that significantly reduces noise, maintains high signal fidelity, provides new signal-filtering capabilities, and a forward-looking platform for the next generation of EP innovation.

Advantages of Prucka 3 include:

- Maintains high signal fidelity with the ability to acquire consistent data across acquisition modes
- Customizable, intuitive signal filtering
- 10x reduction in environmental noise
- Ability to visualize the smallest signals with 1uV typical baseline noise and 4uV typical smallest resolvable signal
- Ready for future advancements with 30-bit effective signal resolution, 32KHz signal sampling rate and 3 Teraflops of signal processing power

Game-changing Volta integration

The latest CardioLab edition showcases our game-changing collaboration with Volta Medical, and it truly sets us apart. Altix AI.i leverages PruckaStream and its ability to send 128 EP Signals in near real time to Volta's AF dispersion algorithm. The resulting robust data provides clinicians with more guidance during EP procedures. Additionally, our collaboration with Volta sets the foundation for access to other emerging technologies as they are developed.

Work smarter with advanced features made possible by Prucka 3 and Altix AI.i



Dual Real-Time

Two real time displays which can be placed wherever you want



Cycle Length

See beat to beat cycle length displayed on the signal

5

Multiple Review Windows

Up to five Review Windows you can use for identifying interesting morphology visualized during the procedure



ClearMatch

Compare signals in review



Post Pacing Interval

Automatically measures post pacing interval with both screen annotation and log updates



Channel Grouping

Organize signals based on your visualization needs. Make changes across a group of signals not one by one.

An optimal visual experience

With AltiX AI.i you have the option to add the EP Command Center, which is designed to take the clinical user experience to the next level of efficiency and clinical excellence. The large display and curved monitor with sophisticated video and layouts put the images and tools where you want them to be, further enhancing productivity.



And this is all built on a strong foundation that seamlessly integrates security measures within your ecosystem, so your network is safe and your data is private.

For more information, please see our security brochure.



Contact your GE HealthCare sales representative if you have any questions.

About GE HealthCare Technologies Inc.

GE HealthCare is a leading global medical technology, pharmaceutical diagnostics and digital solutions innovator, dedicated to providing integrated solutions, services and data analytics to make hospitals more efficient, clinicians more effective, therapies more precise and patients healthier and happier. Serving patients and providers for more than 125 years, GE HealthCare is advancing personalized, connected and compassionate care, while simplifying the patient's journey across the care pathway. Together our Imaging, Ultrasound, Patient Care Solutions and Pharmaceutical Diagnostics businesses help improve patient care from diagnosis, to therapy, to monitoring. We are a \$19.6 billion business with approximately 51,000 colleagues working to create a world where healthcare has no limits.

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References

1. Dark mode supporting evidence JB79149XX.

