



Continuous Type System Overview – Ti™

Telemetry that Supercharges Your Research!



Introducing the **Stellar Ti Continuous Telemetry System** – Designed off our flagship Memory system which is now in its 15th year of excellence. Trusted by a **global community of researchers**, it has consistently proven to be a **highly functional, reliable, and robust** telemetry system, empowering studies across the world.

The Stellar Ti telemetry system is the 2nd generation of real-time continuous implants and improves on nearly every attribute of its predecessors, including smaller size, increased battery life, and adaptable transmission range allowing you a whole new exciting system to do your research!

Just like its name, **Stellar Ti** delivers **outstanding performance** for you researchers who demand precision and simplicity. With its user-friendly design and **cost-effective** features, the Stellar system lets you focus on your research while we take care of the tech.

Why choose Stellar?

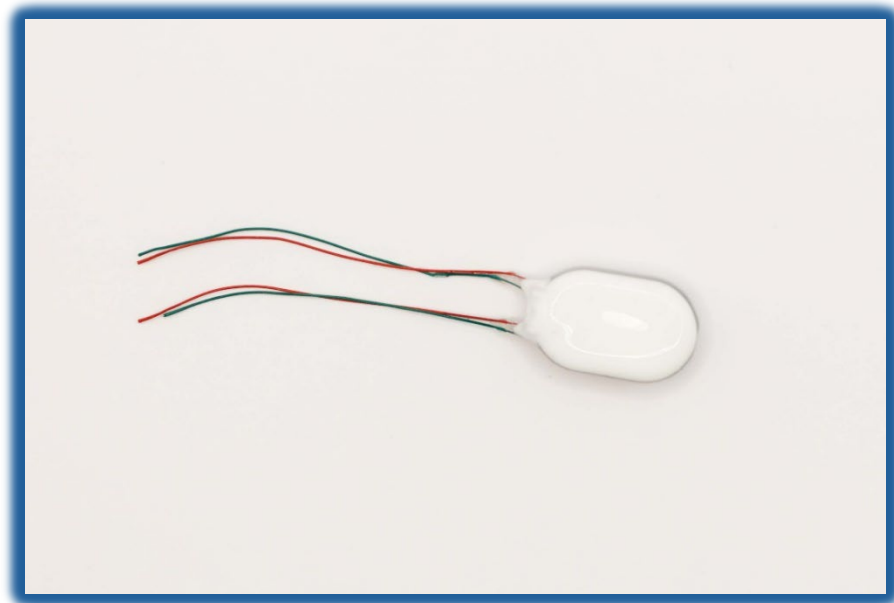
- **Proven Reliability:** Over 15 years of global success in the field.
- **Versatility:** Whether you're in preclinical or basic research, it's your go-to
- **User-Focused:** Simple to install, easy to use, and integrates seamlessly into your existing workflow.

Ready to make your research *shine*? The Stellar Telemetry System is built for researchers who want results without the hassle.

Features/Benefits

Feature	Benefit
Uses the latest BLE 6.0 technology	Maximum battery life, minimal data loss, flexible cage size, fully digital
One receiver, multiple implants	Simple installation, reduced costs, system portability
High-fidelity signals, transducer-tipped catheters	Optimal signal quality, high frequency-response, no fluid head pressure offsets, easy surgical placement
Open platform, seamless software integration	Integrated with Notocord-hem and CED Spike2 software. Hardware/protocol documentation available on request.
Compact implant size	Improved surgical success, use in smaller transgenic animals.
Full group housing capabilities	Animal well-being, regulatory compliance, and advanced behavioral assessment.
Sealed titanium housings	Long-term reliability and reusability of Stellar implants
Compact and flexible	Limited system infrastructure, cost-effective, and easy to use.
Wireless configuration	Select signals, sample rates, on/off without interacting with animals
Advanced power management	Battery gauge, sleep mode, hibernate mode maximize implant use

Stellar Mouse Ti Dual Biopotential Implant



Upgrades and improvements are:

- Use of sealed titanium housings for maximum reliability
- Improved size, shape and weight (mouse implants 1.6cc/2.6g)
- Longer battery life and remaining battery life indicator
- Longer transmission range, single receiver antenna
- Option to monitor temperature and activity continuously while doing scheduled sampling for pressure and biopotential signals
- Improved communication, less signal loss (data loss)

Due to the innovative design of the Stellar systems, future enhancements can be uploaded via firmware updates remotely. All while implants *remain safely in place* in your animals. Software maintenance/updates may incur a modest fee from the 3rd-party software provider.



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Product information is subject to change without notice.