Making the improbable possible.

Redefining the limits of data and innovation.

The Ultimate Research Tool

Millar’s Telemetry System provides high-resolution, physiologically accurate recordings for superior data measurement in real time. For targeted studies that demand accuracy, telemetry is the perfect complement to the cutting-edge researcher’s laboratory.

Next-Level Wireless Monitoring

- Enables long-term recording and monitoring in free-roaming environments
- Reduces handling-induced stress
- Provides 24/7 recording capabilities
- Lowers cost of ownership
- Eliminates refurbishment costs through telemeter reuse

Research Applications

- Arterial Pressure
- Left Ventricular Pressure (LVP)
- Tissue Oxygenation
- Sympathetic Nerve Activity (SNA)
- Biopotentials (ECG, EMG, EEG)

In the lab, data gets you results. Innovation gets you noticed.

The Millar Telemetry System adds a higher level of understanding to any cardiovascular, neuroscience, toxicology or pharmacology study — bringing the accuracy and precision you expect from Millar in a fully implantable device.

millar.com/telemetry
Millar Telemetry Features

- Recording range up to 5m
- Data sampling frequency up to 2000 Hz
- Power induction and battery backup provides 24/7 data recording capabilities
- High-fidelity pressure, temperature, SNA, low- and high-frequency biopotential and tissue oxygen
- Ideal for small animals (>175g)
- No refurbishment — recharge, re-clean, re-sterilize, reuse
- Standard analog voltage output compatible with many acquisition and analysis systems
- Independent digital transmission bands (up to 30) — multiple animals in a single room

Telemetry Innovation

Millar has advanced the science of telemetry by pairing proven technology with a desire to innovate, to unlock new applications and to reveal improbable insights.

Our telemetry system combines the proven Millar sensor with patented inductive power and true digital transmission to deliver unprecedented data quality — data that has never before been possible to record in conscious animals.

These insights will be the first step toward Millar’s goal to bring telemetry innovation to new animal models and to make a difference in the lives of patients.

To explore new possibilities with Millar telemetry, please contact us:
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