

4-channel Digestive Tract Motility Measurement System MODEL GMS-400

**For Mid-sized Animals;
monkeys, puppies, cats,
and ferrets.**

Enables a consecutive motility monitoring of the digestive tract for 60 days by implanting a transducer into an animal's abdominal cavity.

Our 4-channel telemetry system utilizes an implantable force transducer, which is designed to be fixed on the serosal side of the digestive tract and measures the contractility of the cricoid muscle. This model offers its best use in studies on animals, especially when putting a protective jacket on them is not very easy (e.g. monkeys). Its built-in battery is capable of performing a consecutive use for 2 months. It is also possible to turn off its power by externally controlling its magnet-operated switch to save more power when it is not in use. When it is turned on, its internal microprocessor automatically zeros the sensor balance. In this way, a long-term measurement becomes much easier because every time the device is tuned on, it zeroes the unbalanced state of sensors caused by failed electric isolation or adhesion, which were led by body fluids during a long-term implantation.

MODEL GTS-400

4-channel digestive tract motility telemetry system; for monkeys, puppies, cats, and ferrets.

Force Transducer
F081SP

4-channel telemetry system/IMT-400

- Transmitter: IMT-40T
- Receiver: IMT-40RA

PC system/ESC-800

- Software for recording including A/D board (or card)
- Software for analysis: AnalyzeII.dell
- PC and Printer

