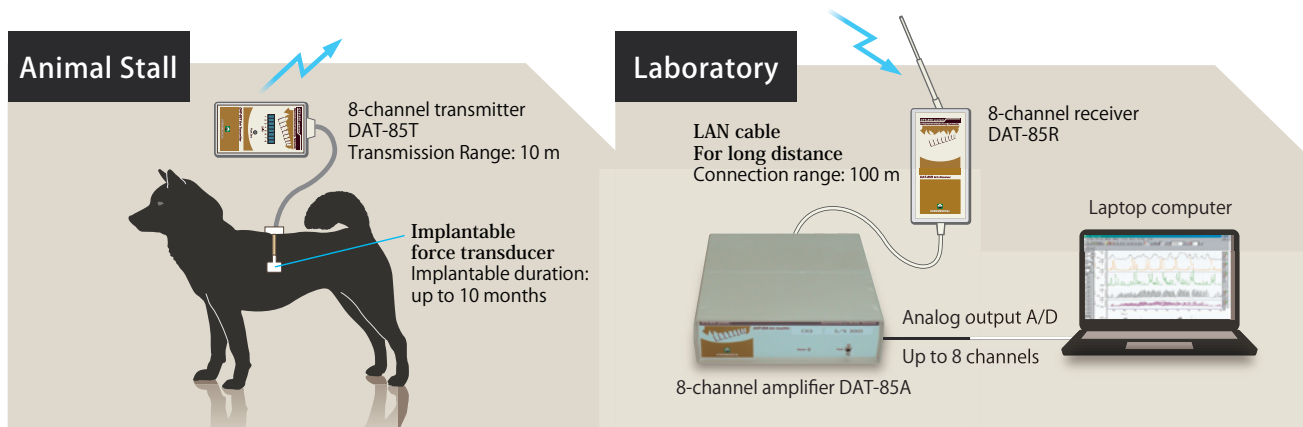


The best choice for your study with a force transducer to monitor GI motility

A remote/integrated control on multiple subject animals is now available.



Wireless connection in the animal stall plus stable transmission via cable

Both the wearable transmitter and the receiver are small-sized so that they can easily be installed in any animal stall. The separated receiver and amplifier can be connected via LAN extension cable, the length of which is 100 m or more, enabling a reliable remote monitoring.

Stable transmission ranging at least 10 m

The wireless connection is capable of a stable transmission for a long period of time, with its radio transmitting range of at least 10 m from the subject animal.

Enables long-term, consecutive measurement for up to 2.5 days

With its power-saving circuit design, the transmitter allows a consecutive measurement for up to 2.5 days when it is fully charged.

Features one-touch zeroing-all function

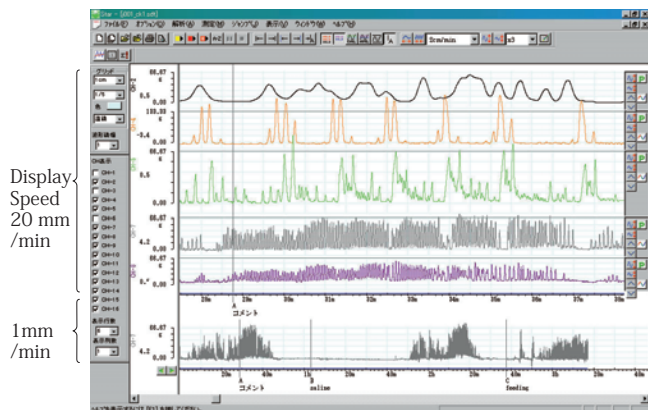
Simultaneous zeroing of all channels, which can be done by simply pressing a key placed on the transmitter, is one of the prominent features of this device that significantly increases its usefulness. It is also possible to independently adjust the gain of each channel.

GI motility recording/analysis software

Capable of recording up to 8 channels; sample rate selectable starting from 100 μ s.

Analyzes the number of Area Cycles and Amplitude Duration.

Low-/High-pass filter, etc. are available for the operation it performs.



Adult dog, from stomach to duodenum, real-time image recording (10 min/1 hour).

GTS-850; Specification of Components

8-channel transmitter DAT-85T

Input: up to 8 channels
Gain: adjustable individually and simultaneous
Zeroing: 8-channel, automatic and simultaneous
Output: 1 mW, built-in antenna
Transmission Range: 10 m
Power: two rechargeable batteries, consecutive use for 2.5 days
Weight: 170 g (battery not included)

8-channel receiver DAT-85R

Sensitivity: 10, 20, 50, 100, 200, 500 g/V (on PC)
Output Filter: 2 Hz

8-channel amplifier DAT-85A

Dimensions: W315 × D255 × H40 mm
Weight: 2.6 Kg

Remote connection cable

LAN Cable: 100 m

8-channel calibration box

Calibration Output: 100 g

Battery Charger

Power: AC100V

Recording/Analysis Computer Structure

- Laptop Computer
- A/D Card
- Input Cable
- Recording/Analysis Software



8-channel CAL Box



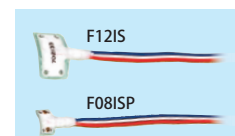
8-/4-channel Force Relaying Connector



Subcutaneous Cable Introducer



Various Protective Jackets



Force Transducers



Battery Charger



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