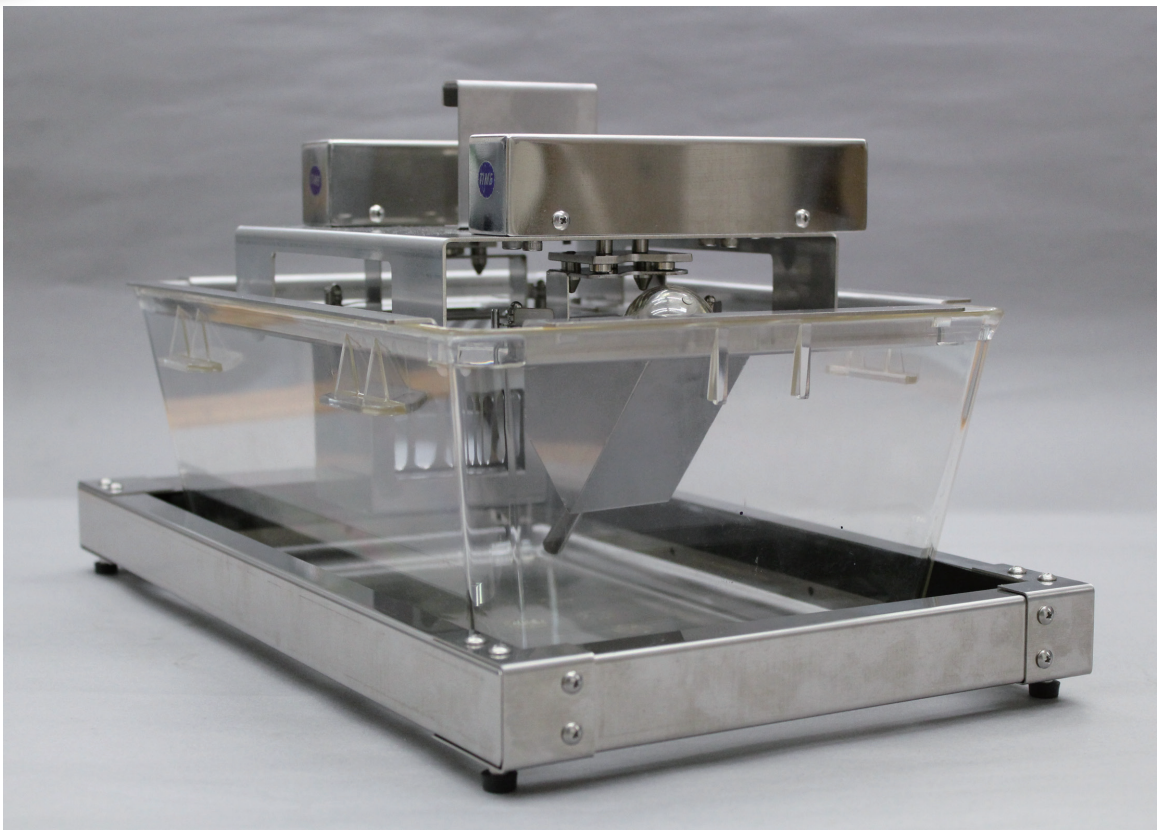


Three-points Meter

Just put animal
inside
of the cage!!

Available to measure amount of
activity/food intake/water intake/biological rhythm
at the same time!



This is for simultaneous measurement of following within same cage,

- ① **ambulatory activity**
- ② **food intake**
- ③ **water intake**

Correlation between above data set is also possible. Minimum measurement interval is 1 min.

It is possible to measure up to **16 cages** simultaneously by one computer.

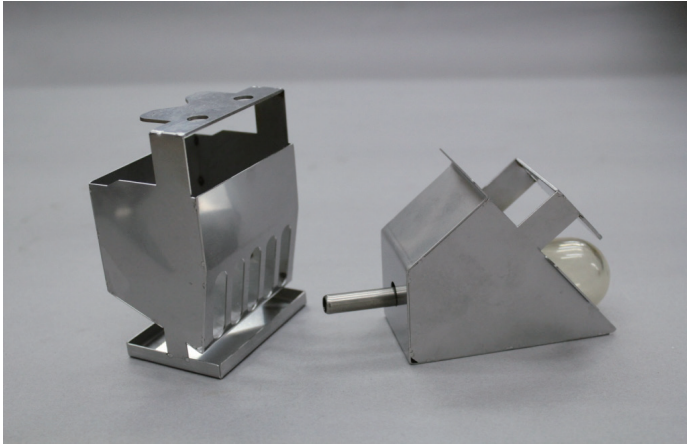
All the parts that come in contact with animals such as food box, watering bottles are autoclavable.

By using plastic resin cages available on the market, it will be possible to autoclave and the replacement of the cage itself is simple. If you want, you can use your own cage that you already have.



Three-points Meter

Food & water intake measurement system

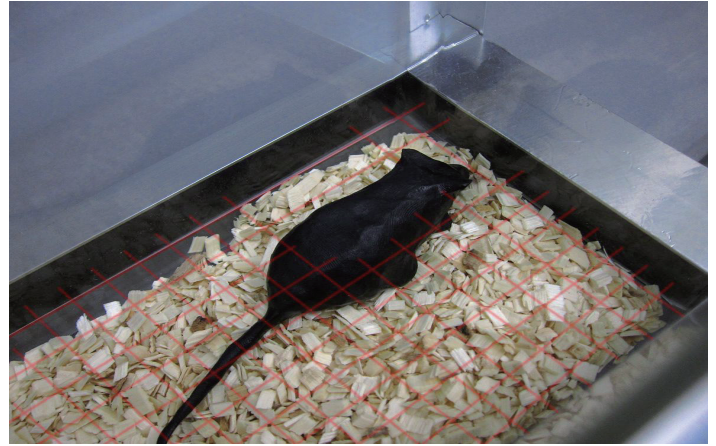


In the system, the food and water intake are measured by the unit of 10mg, by a measuring unit mounted on cage top. The food box and the water intake bottle hangs respectively by magnet from the precision scales. The food box and the water bottle can be easily approached by the subject animals. The food box can recover the remnants of food that remains after each bite.

The water bottle is also designed to measure the water intake while it is hanging from the cage top. The water bottle eliminates almost all possible leakage and evaporation of water and enables to measure correctly the water intake.

The software includes refill function, so that food and water may be supplemented during the measurement.

Activity measurement system

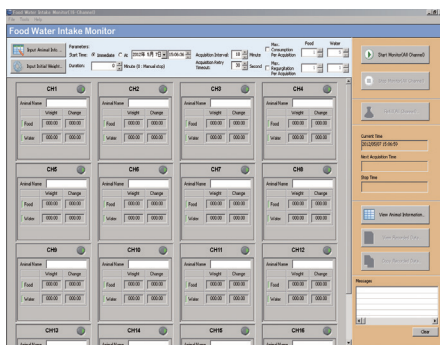


For measuring activity, the position of the target is detected by interrupting the infrared beams positioned in the X and Y axis around the cage.

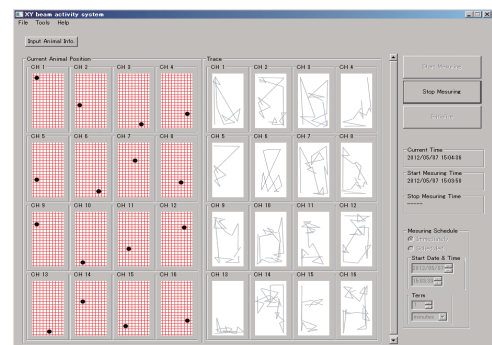
This device detects the movement in position of the whole body of the target animal, without being misled by the movement of the tail and any other bodies.

The position and movement of the target within the cage are automatically measured. These data are stored on a hard disk as time series text files.

You can set **both software** at once!



Food and water intake data acquisition software



Activity data acquisition software



O' HARA & CO., LTD.

4-28-16 Ekoda, Nakano-ku, Tokyo 165-0022, JAPAN

TEL 81-3-3389-2451

FAX 81-3-3389-2453

<http://www.ohara-time.co.jp>