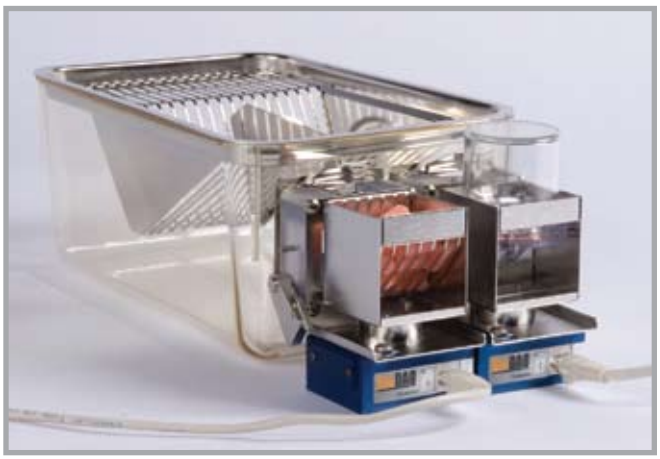
BioDAQ®



Water Intake Module

The BioDAQ system monitors water intake using the same principle of operation as food intake. BioDAQ Unplugged allows for periodic manual weighings, while the BioDAQ electronic system reports data episodically detailing the initiation of intake activity, its duration, and the amount of diet or water consumed during each bout.

The polycarbonate water bottles are cradled in a stainless steel hopper with a capacity of 50g for mice and 200g for rats. The water intake module is interchangeable with the food intake hopper adding great flexibility to BioDAQ systems. The electronic components used to monitor diet are the same as those used to monitor water, giving researchers the option of using their systems in configurations that are study-specific.

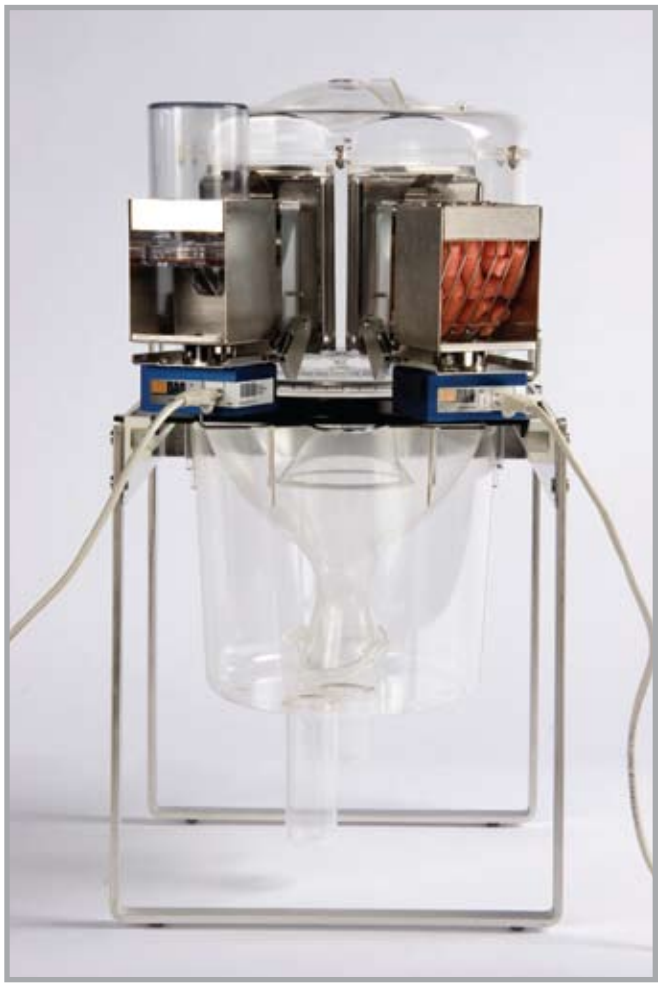
This addition to the BioDAQ system allows the electronic components of a 32 cage food intake system to be used to monitor food and water intake simultaneously for 16 animals. This flexibility is gained through the addition of double-cut cages and water intake modules.

Metabolic Cage Adapter

The BioDAQ Food & Water Intake Monitor can now be adapted to metabolic cages commonly used in many animal facilities. BioDAQ hardware can be mounted to this cage style using a stainless steel bracket. BioDAQ food and water intake modules can then be attached to the cage as Unplugged or electronic units.

BioDAQ adds value to data generated by permitting the use of pelleted diet formulations and reducing the spillage of both diet and water that confound data collected using these cages.

The adaptation of BioDAQ food and water intake modules for use with metabolic cages adds flexibility to existing systems allowing BioDAQ to be used in a wide range of studies.



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