

Promethion IM-3 Interface Module

Web-based system interface enables 24/7 access to real-time data

The new Promethion IM-3 Interface Module provides the interface from your metabolic phenotyping system to web-enabled display and control devices such as cell phones, tablets and laptops. The IM-3 brings Promethion Core capabilities to your standard Promethion system, most notably the ability to network multiple systems together to conduct simultaneous studies with centralized data processing. You'll also have the ability to access real-time Promethion animal data using your wired or wireless Ethernet from permitted desktop or mobile devices via Sable's browser-based data management application. This allows you to access system status and data files from your cell phone or tablet!



FEATURES

- Immediate access to all data
- Real-time display of data from experiments in progress
- Easy to use graphical interface
- Versatile data interface modules (e.g. smart phones, tablets, laptops, etc.)
- Platform independent (does not require Windows, MacOS, etc.)
- Animal welfare checks can be completed remotely
- 4 USB ports for external data storage or peripheral devices

IM-3 Web Interface Software

The IM-3 web interface software provides status at-a-glance, recording and control over all operation of the IM-3 Module and Promethion Core components including flow generators, gas analyzers, and cage

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sensors. Gas calibrations can be initiated on the system through this interface as well. The interface allows remote access to the real-time data for more convenient and regular animal welfare checks without the need to enter the room or disturb experiments during the recording process.

The IM-3 web interface is integrated with our existing data acquisition software package to provide unsurpassed data collection in real time. A single license of two separate programs – one for data acquisition and another for analysis – can be run on multiple separate computers, enabling a technician to run a test while an investigator analyzes another data set, reducing expenses associated with software licensing and simplifying use, upgrades and updates.

The IM-3 includes multiple data ports to provide the highest level of networking available in metabolic and behavioral measurement. The internet port allows access by approved web enabled devices running the IM-3 interface software. You can quickly start a recording, review real-time data, calibrate the system and transfer data files. Four USB ports provide easy connectivity to external storage or other peripheral devices. SableCAN ports provide interface to Sable gas analyzers, flow controllers, environmental sensors, and individual cage components such as beam breaks, mass measurement devices and wheel measurements.



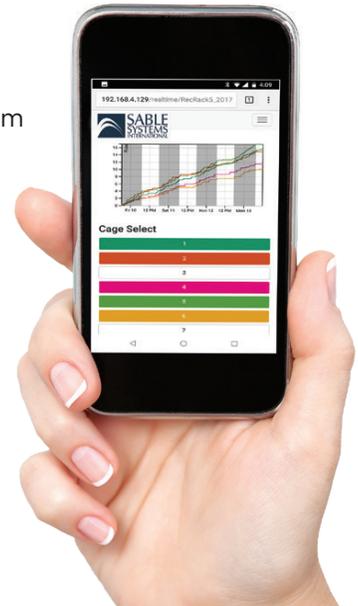
Promethion Core Web Interface: Real-Time Data

ExpeData

Recordings can be downloaded directly from the IM-3 as .csv or .exp files for exportation to Excel or ExpeData.

The Promethion data analysis software package, ExpeData, allows the user to explore acquired data in a rich graphic environment where each parameter of the system has been recorded once per second enabling real-time

analysis or user-selectable temporal resolution for comparison to previous research. ExpeData automated analysis scripts can be run on data sets to generate customized data outputs allowing the same analysis to be performed on multiple data sets in minutes, not days. All data are stored in raw form, so that all Promethion data are fully traceable and will stand up to peer review. Raw data storage also allows for future analyses to be performed on a previous experimental run ensuring versatility of your data and experimental time.



SPECIFICATIONS

WEIGHT	2 oz (57 g)
DIMENSIONS	width 3 in (7.6 cm); height 3 in (7.6 cm); depth 1 in (2.5 cm)
POWER	9 V 2.5 amp AC adapter included
DATA PORTS	4 USB for external data storage or peripheral devices
SABLECAN	2 ports for cage control and connection to gas analyzers
ETHERNET	1 Ethernet port
INTERNAL STORAGE	8 GB



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