

USB ACQUISITION & AMPLIFICATION

MODULAR SYSTEM !

Plug-&-play data acquisition solution, designed for direct USB link to computer running iox2 acquisition software:

- » Ideal for medium size setups & for systems needing to be moved
- » Adapted to swap between several computers (incl. laptops)
- » Well suited for a large variety of preclinical experiments
- » Up to 4 devices can be linked together to the same computer



usbACQ is designed to acquire any amplified analog signals.

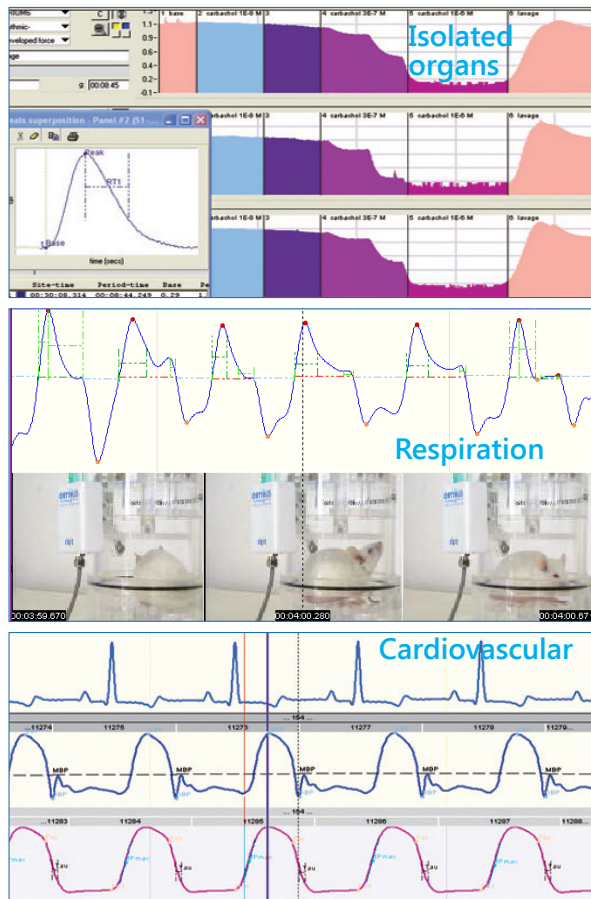
usbAMP is designed to acquire and amplify biopotential signals and signals from strain gauge transducers (isometric transducers for tissue contraction studies, blood pressure transducers, differential air pressure transducers, ...). It is available in 2 models:

Model 1 includes:

- » 1 multi-lead ECG amplifier: L1, L2, L3, aVF, aVL, aVR
- » 1 amplifier for strain gauge transducer signal

Model 2 includes amplifiers for any combination of biopotential or strain gauge transducer signals, for ex:

- » 4 blood pressure or 4 force or 1 BP
- » 2 single-lead ECG + 1 pulmonary pressure
- » etc.



SPECIFICATIONS

TTL bus	8 digital outputs (I/O), to drive external devices
Timer	Output TTL signal to trigger stimulator: 0,1 to 1KHz
Gain	From 8 to 200 depending on transducer model
Sampling frequency	Up to 2 KHz
Bus protocol	USB 2.0
OS	Microsoft® Windows® XP, 7 or 10