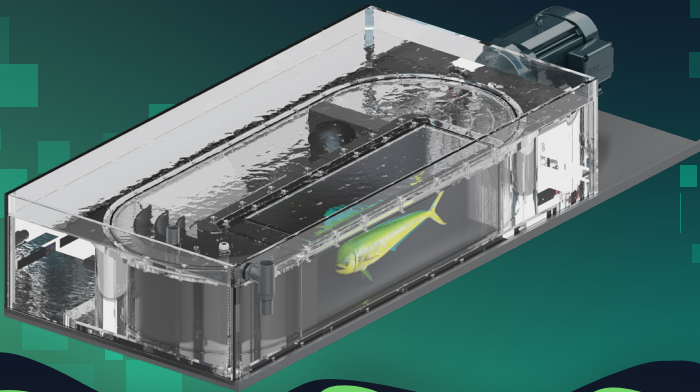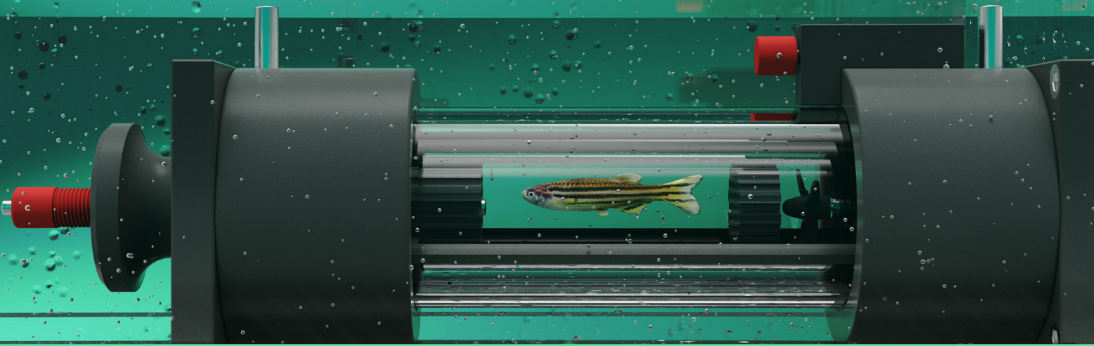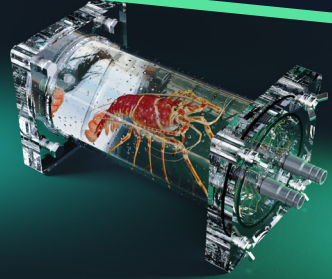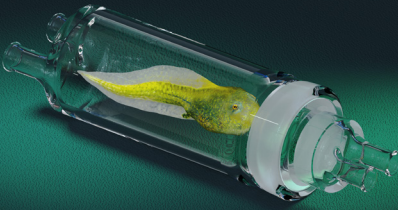# AutoResp™ v3

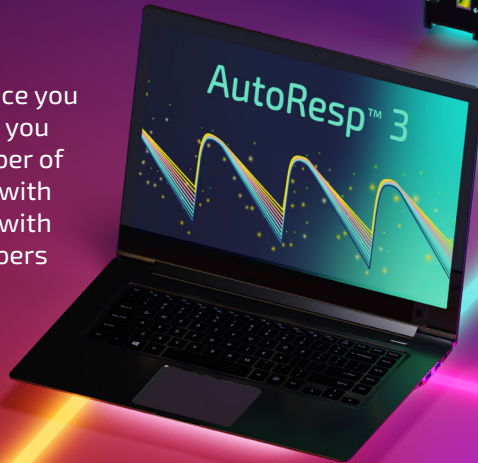COMPUTERIZED INTERMITTENT RESPIROMETRY

Loligo® Systems

Measure oxygen consumption rates in aquatic organisms. We offer complete systems for automated respirometry with the user-friendly AutoResp™ v3 software for Windows 10/11. The systems include all necessary software, hardware, and either static chambers for determining standard/minimum/routine metabolic rate, or swim tunnels for maximum metabolic rate (MMR), aerobic scope (AS), cost of transport (COT), or U_{crit} trials. Enjoy real-time MO_2 data, device control, in-depth post-analysis, statistics, and data export.

Environmental control. Software-driven water temperature and oxygen regulation allow you to change setpoints during respirometry experiments, e.g., to mimic diurnal changes in temperatures or for hypoxia (P_{crit}) studies.
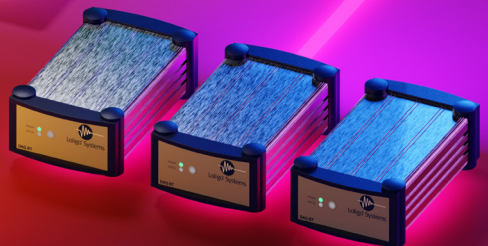
Multichannel = High throughput. Once you have a CORE system, you can expand the number of channels/chambers with our ADD-ON to work with up to 20 static chambers or 4 swim tunnels - all operated from a single PC.

AutoResp™ 3

PowerX4
LAN/BLUETOOTH
POWER STRIPS

DAQ-BT
SWIM TUNNEL CONTROLLERS

WITROX
OXYGEN INSTRUMENTS

Loligo® Systems

www.loligosystems.com | mail@loligosystems.com