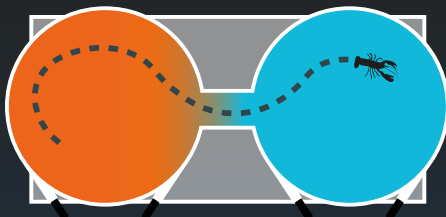
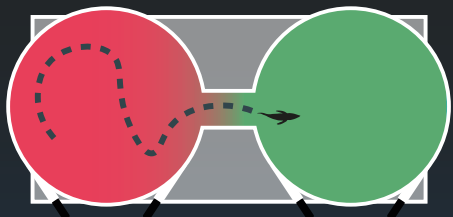


SHUTTLE BOX SYSTEMS

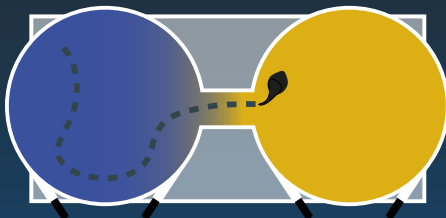
Automated preference/avoidance measurements in fish and aquatic invertebrates



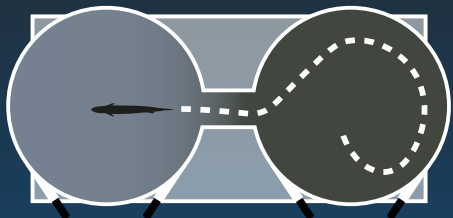
TEMPERATURE



OXYGEN



pH / CO₂



SALINITY



Loligo® Systems

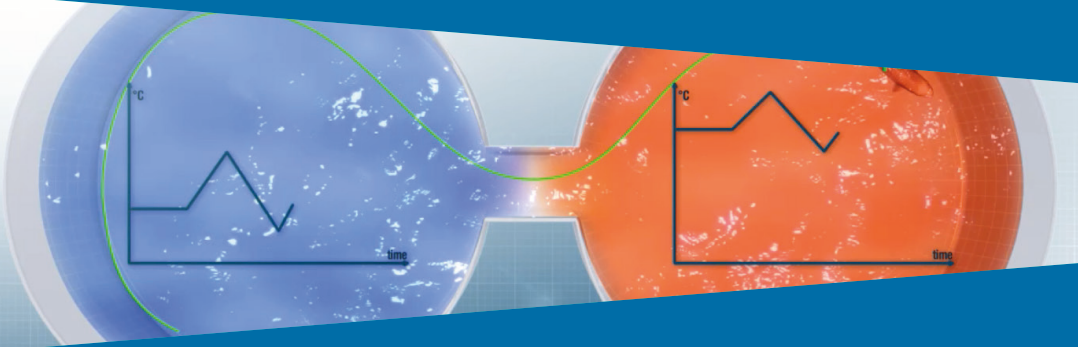


Loligo® Systems

ABOUT

Inside a special tank, the animal can freely “shuttle” between two different water qualities for testing preference/avoidance/exposure/choice of temperature, salinity, dissolved oxygen or pH/pCO₂.

This automated system includes user-friendly software, USB instrumentation and everything needed for real-time video analysis.



FEATURES

- Real-time video tracking and behavioral analysis
- Change settings and controls on the fly
- All calculated data in a single Excel file
- All settings and calibration data are saved

SYSTEM COMPONENTS

- Shuttle tank
- Two buffer tanks
- Software for Windows
- USB video camera
- Meters and sensors
- Pumps/Valves for water quality control
- Fittings and tubes
- User manual

PACKAGES	PRODUCT NUMBER	HEIGHT (mm)	SIZE (mm)	FOOTPRINT (cm)	FITTINGS (OD, mm)
• Temperature	AB20000	50	100 x 100	250 x 125	3.2
	AB20010	100	200 x 200	450 x 225	11
• Dissolved oxygen	AB20020	150	300 x 300	700 x 325	11
	AB20030	200	400 x 400	925 x 425	11
• pH / CO ₂	AB20040	250	500 x 500	1130 x 530	14
• Salinity					