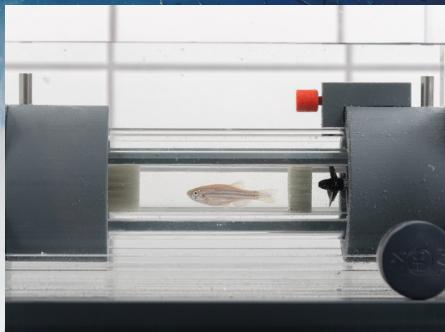


SWIM TUNNELS

Loligo® swim tunnels for forced exercise physiology, bioenergetics, behavior, biomechanics and visualization of swimming animals



Loligo® Systems



HIGHLIGHTS

- Measure swim performance (U_{crit}), maximum metabolic rate (MMR), aerobic scope (AS), tail beat frequency, cost of transport (COT) etc.
- Unique compact design for “free” swimming in a volume small enough for reliable oxygen consumption measurements
- Includes water bath for temperature control
- Made for use in full strength sea water
- Designed for tool-free minimum maintenance and long-term operation
- Optional Bluetooth controller for software control of speed

MAXIMUM/ACTIVE METABOLIC RATE

We offer complete systems for measuring swimming performance as well as oxygen consumption rate by intermittent flow respirometry including all the necessary hardware and user-friendly AutoResp® software for automated experiments and analysis.

VERY LARGE	PRODUCT NUMBER	VOL (L)	TEST SECTION (cm)	FISH SIZE (g)	SPEED (cm/s)	FOOTPRINT (cm)	POWER (V)
	SW10325	850	135 x 45 x 45	5000-15000	15-200	132 x 347	3 x 400/60Hz
	SW10300	850	135 x 45 x 45	5000-15000	15-200	132 x 347	3 x 400/50Hz
	SW10275	185	87.5 x 25 x 25	750-5000	10-225	227 x 91	3 x 400/60Hz
	SW10250	185	87.5 x 25 x 25	750-5000	10-225	227 x 91	3 x 400/50Hz

LARGE	PRODUCT NUMBER	VOL (L)	TEST SECTION (cm)	FISH SIZE (g)	SPEED (cm/s)	FOOTPRINT (cm)	POWER (V)
	SW10210	90	70 x 20 x 20	450-1500	5-165	188 x 71	110
	SW10200	90	70 x 20 x 20	450-1500	5-165	188 x 71	230
	SW10160	30	55 x 14 x 14	175-500	5-175	147 x 53	110
	SW10150	30	55 x 14 x 14	175-500	5-175	147 x 53	230
	SW10110	10	40 x 10 x 10	50-150	2-110	130 x 45	110
	SW10100	10	40 x 10 x 10	50-150	2-110	130 x 45	230
	SW10060	5	30 x 7.5 x 7.5	20-80	5-125	117 x 40	110
	SW10050	5	30 x 7.5 x 7.5	20-80	5-125	117 x 40	230

SMALL	PRODUCT NUMBER	VOL (ml)	TEST SECTION (cm)	FISH SIZE (g)	SPEED (cm/s)	FOOTPRINT (cm)	POWER (V)
	SW10040	1500	ID55 x L200	4-12	3-100	136 x 25	110
	SW10030	1500	ID55 x L200	4-12	3-100	136 x 25	230
	SW10020	170	ID26.4 x L100	1-4	0.7-50	75 x 25	110
	SW10000	170	ID26.4 x L100	1-4	0.7-50	75 x 25	230