

# LAT2910-X vs. ArcGeo-9TS

Geolocation archival tags for internal implantation in fish.



Model	LAT2910-X	ArcGeo-9TS
Form Factor	Tubular	
Dimensions - diameter x length (mm)	8.2 x 24	9 x 38
Weight (g)	2.9	5.1
Memory	8MB	32MB*
Standard depth scales:	50m, 100m, 200m, 500m, 1000m, 2000m	
Survival depth	1.5 x pressure sensor	
Min. Operating Temperature (Celsius)	8	-5
Max. Operating Temperature (Celsius)	35	35
Maximum life (years)**	1.2	3.85
Warranted life (years)**	0.5	1
Sample rate setting	>1s in 1 sec. increments	
Sampling faster than 10 seconds voids warranty	Yes	No
# logs	5	8
Day Log	No	
Basic Log	Yes	
External sensor stalk	Yes	
Basic Log Sensor data		
Light	Yes	
Pressure	Yes	
Pressure accuracy	+/-1%	
Pressure resolution	0.05%	
Internal Temp	Yes	
External Temp	Yes	
Temperature measurement	-5° to 45° C	
Temperature accuracy (within -5° to 35° C)	Better than 0.2° C	Better than 0.3° C
Temperature resolution	0.05° C or better	
Data resolution	Up to 12 bits	12 bits
Data download rate via gold electrical contacts	115.2 kbaud	~100 kbaud
Event Log (Permanent tag history)	No	Yes
User setup	Variable loggables, start delay	Start delay, wet start

\*some units will be equipped with 16MB until no 16MB inventory remains, then only 32MB.

\*\*based on a 60 second sampling interval.