

Micro Data logger GPL400-D3GT

Key features

- Animal tagging for behavioral studies
- Self-contained GPS, acceleration in 3D, depth and temperature recorder designed for use in oceans, rivers and lakes
- Re-usable (a field replaceable battery)
- · Compact size
- · Programmable start time

Examples of Application

 The GPL400-D3GT is designed as an underwater recorder to provide both behavioral information and positions of aquatic animals including birds, dolphins, seals, penguins, etc.



GPL400-D3GT

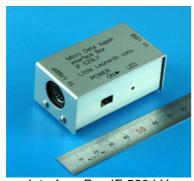
•	The GPL400-D3GT can be used to study underwater behavior, migration, kinematics, biomechanics
	and diving physiology of the tagged animal.

Technical Specifications		
Sensors	GPS, Acceleration in 3D, temperature, pressure (depth)	
Size (Diameter × length)	20 mm × 103 mm	
Housing material	Titanium and Polycarbonate	
Weight (in air/ in water)	57 g (including battery) / 26 g (including battery)	
Recording duration	60 hours (GPS 1s; 3-axis acceleration 50ms)	
	30 days (GPS 60s; 3-axis acceleration OFF)	
Memory	256 Mbit	
Temperature range	-10∼50° C	
Temperature resolution	0.1°C	
Depth range	0-400m	
Depth resolution	0.1m	
Range of 3-axis acceleration	±3 g	
Resolution of 3-axis acceleration	± 0.01 g	
Accuracy of GPS	3 m	

Clock	Coordinated universal time
Sampling Interval (User selection)	Temperature, Depth (1 s, Fixed)
	GPS (1, 60, 300, 600 s)
	3 axis acceleration (50, 100 ms)
Depth Trigger (Fixed) for GPS	Stop sampling when depth > 10 m
Delay timer (User selection)	1, 2, 3, 6, 12, 24, 36, 48, 72, 96 hours
Communication	Via an Interface box with a logger cable
Battery	CR123A × 1

Related products	
A Interface box (Model IF-520LY)	
A logger cable (Model IL-GPL)	
Software (GPL TOOLS)	

Related products



Interface Box IF-520 LY



Interface Box (Previous version, IF-510 LY), logger cable (IL-GPL) and GPL400-D3GT

Specifications are subject to change with or without notice.

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