

	SK	Units
SIGNAL PERFORMANCE		
Low Frequency Cutoff	10	Hz
±3 dB Bandwidth	12.8	kHz
Usable Bandwidth	12.8	kHz
Maximum Data Sample Rate	32	ksps
Minimum Data Sample Rate	1	ksps
Resolution	24	bits
Minimum Self Noise	17	dB re $\mu\text{Pa}^2/\text{Hz}$
Peak Input Level (μPa)	168	dB re μPa
Peak Input Level (Volts)	6	dBV
Voltage Sensitivity	-162	dB re $\text{V}/\mu\text{Pa}$
Digital Sensitivity, 24-bit	-33	dB count/ μPa
Dynamic Range, 1.0 Hz Bandwidth	151	dB

MECHANICAL		
Weight (Titanium Case) [in air]	1003	g
Weight (Titanium Case) [in seawater]	686	g
Weight (Plastic Case) [in air]	580	g
Weight (Plastic Case) [in seawater]	273	g
Volume (Displacement)	350	cm^3
Overall Length, including connector	255	mm
Sensor Element Length	54	mm
Body (Can) Length	165	mm
Body Diameter	48	mm
Operating Temperature	-5 to 35	Celcius

BATTERY BYPASS MODE		
-12 V Power Supply Voltage	-14.8 + 10%	V
-12 V External Power (no networking)	1.68	W
-12 V External Power (typical)	1.99	W

SOFTWARE / INTERFACE		
Internal Data Storage (TB)	1	TB
Communication Interfaces	Ethernet	
Lucy Software Support	Yes	
Streaming Data Protocol	TCP/UDP	
Web Server (HTTP)	TCP	
FTP, SFTP and SSH Console	TCP	



POWER		
Internal Battery Life*	8	Hours
Metallic Lithium Equivalent Content	846	mg
Lithium Watt Hours	10.4	Wh
Recommended Supply Voltage	18 - 36	V
Absolute Maximum Limit	48	V
External Power (min, no networking)	2.1	W
External Power (typical)	2.25	W
External Power (charging)	3.8	W