AML-3

The AML-3 series is a highly configurable family of multiparameter sondes designed for a wide range of data collection applications. The '3' designation refers to the number of sensors that may be simultaneously installed on the instrument's endcap.

Common configurations include:

- Sound Velocity & Pressure (SVP)
- Sound Velocity, Turbidity & Pressure (SVP Tu)
- Sound Velocity, Conductivity & Temperature & Depth (SVCTD)
- Conductivity Temperature & Depth (CTD)

The **LGR** versions (ie. AML-3 LGR) are self-powered via a rechargeable internal battery and have a mechanical on/off switch on the bulkhead. The AML-3 LGR is most commonly used for vertical profiling of the water column with internal logging of sensor measurements and seamless data transfer via WiFi or USB on recovery.

The **RT** versions (ie. AML-3 RT) stream data while in-situ, although they have the ability to internally record data as well. External power and communication to these instruments are facilitated via a bulkhead connector. The AML-3 RT is commonly used in moored applications, buoys, underwater observatories, and ROVs and AUVs.

If you would like even more flexibility, ask your AML sales representative about the AML-3 **XC**, a combination of the RT and LGR designations.

| WiFi | GPS | Rechargeable | USB | Depth Rating 500 m | Depth Rating 6,000 m |

Max. Depth	500 m	6000 m
Number of Ports	3	3
Biofouling Protection	Street Lamp UV (Optional)	N/A
GPS	LGR: Yes RT: No	LGR: No RT: No
Communication	LGR: WiFi, USB-C RT: RS232 & USB-C	LGR: USB-C RT: RS232 & USB-C
Input Voltage	8-30 VDC	8-30 VDC
Pressure Housing	Acetal	Titanium
Protective Cage	Stainless Steel	Stainless Steel
Dimensions	Sm Cage: 343 x 76 mm Md Cage: 398 x 76 mm Lg Cage: 464 x 76 mm	Sm Cage: 343 x 76 mm Md Cage: 398 x 76 mm Lg Cage: 464 x 76 mm
Weight in Air	1.4 kg	2.5 kg
Weight in Water	0.7 kg	1.9 kg
Software	Sailfish	Sailfish

Key Benefits:

- **Three X2•Series Interchangeable Ports:** Ability to custom configure a single instrument for multiple applications
- **Magnetic On/Off Switch:** Configure now, power and deploy later (LGR version only)
- **Integrated WiFi & GPS:** Transfer data wirelessly (LGR 500 m version only)
- **USB Connectivity:** Recharge battery and connect via USB
- **Integrated UV Biofouling:** Maintain consistent data quality & decrease maintenance intervals (Optional on 500 m version only)
- **Sailfish Software:** Configure, download, process, and export profiles automatically

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