

AML take a Simple step forward!

SAIHC17

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X SERIES INSTRUMENTATION

- Family of oceanographic instruments and Xchangeable sensors
- Sensors are interchangeable
- Possible to reconfigure instruments
- Sensors are calibrated independently



Welcome to the AML ORANGE LINE

AML-1 RT
1 Port
6000m

AML-3 LGR
3 Ports
500m

AML-3 RT
3 Ports
500m

AML-6 LGR
6 Ports
500m

AML-6 RT
6 Ports
500m

AML-3 LGR
3 Ports
6000m

AML-3 RT
3 Ports
6000m

AML-6 LGR
6 Ports
6000m

AML-6 RT
6 Ports
6000m

The AML **ORANGE** LINE has an entirely new sensor ecosystem

BASEX2



Primary & Secondary mounts

2 sensors SVP or CTD

Subconn power switch

Subconn for recharge

GPS & Ad-hoc WIFI

One way communication

SEACAST software

AML-3LGR

Universal mount for all sensors

3 sensors eg. SVPCT

Mechanical power switch

USB-C for recharge. 2xB.Life.

GPS & Hotspot WIFI

Duplex Comms

SAILFISH software





Sound Velocity

Sound Velocity &
Temperature

Chlorophyll A
Blue/Red Excitation

Phycoerythrin
(BGA)

Dissolved Oxygen

Turbidity

Xchange2

Rhodamine

Fluorescein

pH

Pressure



Crude Oil

Refined Fuels

CDOM/FDOM

Conductivity
& Temperature

High Accuracy
Conductivity &
Temperature





- **Compact**
 - 400 x 76mm (500m SVPCT version).
 - 1.6 Kg in air
- **Versatile**
 - Logger or Real Time
 - 3 Xchange2 Ports
 - SVP, SVPT, SVPCT,
 - SVPTu, CTD, CTDTu,
 - and more...
- **Well Connected**
 - Hotspot WIFI (100m range)
 - USB port for charging & comms
- **Reliable**
 - Mechanical switch for power
 - No connector on Logger
 - Robust design
- **Improved battery capacity**
 - 45Wh



AML-3 LGR

Mechanical Overview LGR





AML-3 LGR

This technology promises an improved user experience over the earlier generation of X-change instruments and sensors. Key features to consider:

- *Now FULLY exchangeable*
- *Plug-and-play sensor configurations & combinations.*
- *Future-proof hotspot-style WIFI & GPS on 500m loggers*
- *Bi-directional communication*
- *New user interface "Sailfish"*
- *USB-C port for easy data upload and recharging on logger.*

Q&A