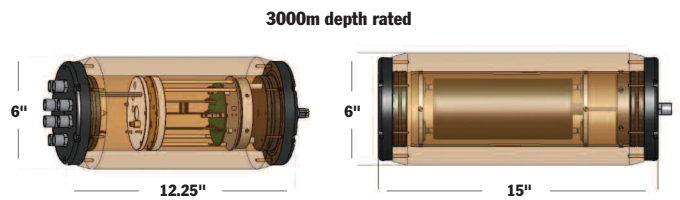


SeaQuest

A Gradiometer Solution for AUV & ROV Installations



Electronics module

Depth ratings available

RATING	LENGTH	DIAMETER
300m	12.75"	0.5
1000m	12.75"	0.5
3000m	12.25"	0.6
6000m	12.25"	0.65

Sensor

Depth ratings available

RATING	LENGTH	DIAMETER
300m	15.5"	0.5
1000m	15.5"	0.5
3000m	15.0"	0.6
6000m	15.0"	0.65

The only gradiometer that delivers an expandable sensor array without compromise

The only technology made for this application

- Worldwide operation, no dead zones
- No heading error
- Best absolute accuracy on the market 0.1nT
- 0.01nT sensitivity; 0.001nT counter sensitivity
- Ultra low power requirement
- Sensors do not degrade with time and never need calibration to meet our specs at time of shipping

Features

- Isolated inputs/outputs/RS232 no ground loops
- Auxiliary sensors include: 3D compass, tilt sensor, leak detector in E/M, pressure sensor, altimeter
- Sensor distance from another sensor: no restrictions, ie sensors can even touch
- Sensor distance from electronics module: 0.25m (10 inches) to 30m (98 feet)
- Entirely non magnetic construction. All aluminum and fiberglass
- Depth ratings available 300m, 1000m, 3000m, 6000m

It's expandable

Each SeaQuest is comprised of a single electronics module that can drive up to 4 sensors. Add as many SeaQuests as you need.

Auto synchronization – it just works

Multiple SeaQuests are always synchronized to each other via a sync line hardwired to each additional electronics module. Synchronization of SeaQuests is entirely seamless. You can even synchronize by sending communications from the platform directly to the gradiometer.

"I have been using a complete 2-unit SeaQuest array and have found the magnetic data delivered to be excellent, with less than one nano-tesla of variability in the total gradient (analytic signal)."

*Richard Funk
Geophysicist*