



Wave Monitoring

OBS-MOORING

PURPOSE-BUILT MOORING SOLUTION

The **OBS-MOORING** is a custom mooring solution for accurate wave measurements – Obscape's innovative mooring solution is designed to ensure precise wave data collection without interference from mooring line tension. Utilizing the concertina effect, our system absorbs tension and prevents it from distorting wave readings. The unique design, featuring in-line floats and weights, enables our compact buoy to operate effectively in ambient currents.

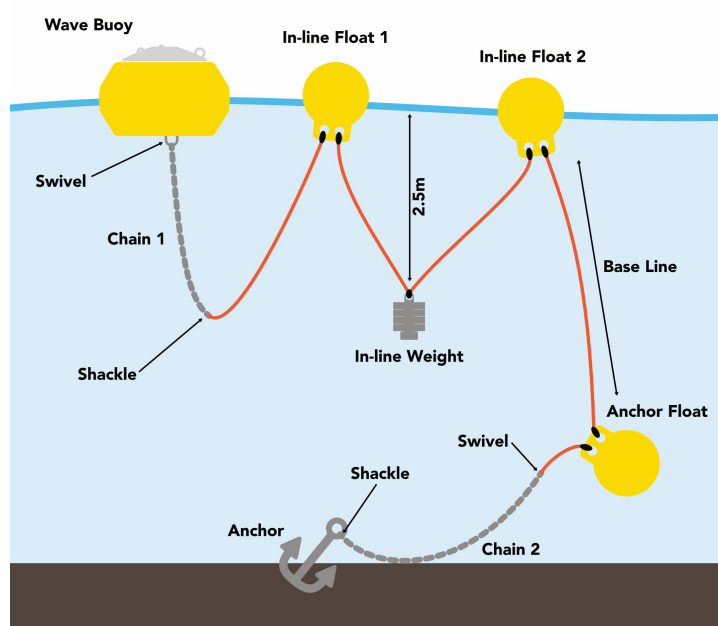
Each mooring setup is customized to match your specific deployment conditions, ensuring stability and reliability in dynamic marine environments. Whether in coastal waters, estuaries, or offshore locations, our solution provides accurate data while withstanding environmental forces.

KEY FEATURES

- 01 Concertina effect:** Reduces mooring line tension for improved wave measurement
- 02 Unique Design:** Rugged design, engineered for stability in dynamic marine conditions.
- 03 Tailored for your needs:** Tailored mooring configurations based on deployment location

CONTACT US

E-mail: info@obscape.com

Website: www.obscape.com


DESIGNING YOUR MOORING

Before you buy your mooring, you need to consider the deployment site

1. Determine the mean water depth
2. Account for high water level, expected surge, and maximum wave height

This will be used to calculate the line length needed

1. **Base line length** = $1.25 \times \text{Mean Water Depth} + \text{High Water Level} + \text{Surge} + 0.5 \times \text{Max Wave Height}$
2. **Total mooring line length** = $\text{Base line length} + 5 \times 2.5 \text{ m}$

PURCHASE INCLUDES

- Full mooring solution

Purchase excludes: Anchor and chain

WWW.OBSCAPE.COM

Rotterdamseweg 386-B19, 2629HG Delft, The Netherlands | info@obscape.com