

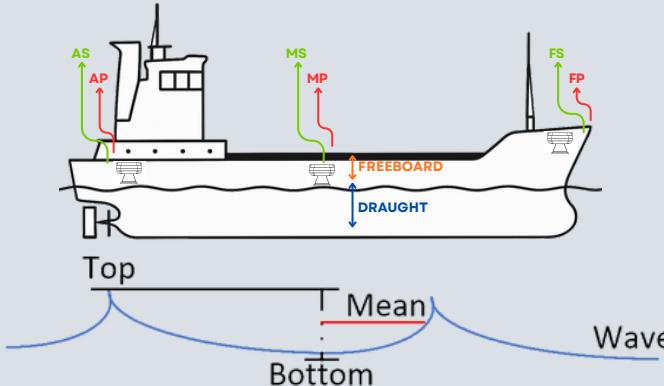
A New Era in Freeboard / Draught Measurement: Precision and Speed Combined



FiBo

FiBo is a device designed for maritime operations, redefining freeboard and draught measurement process. Portable and easy to use in the field, it offers an ideal solution for fast and precise measurements.

Detecting wave top and bottom, FiBo finds wave mean height and calculates freeboard accordingly.



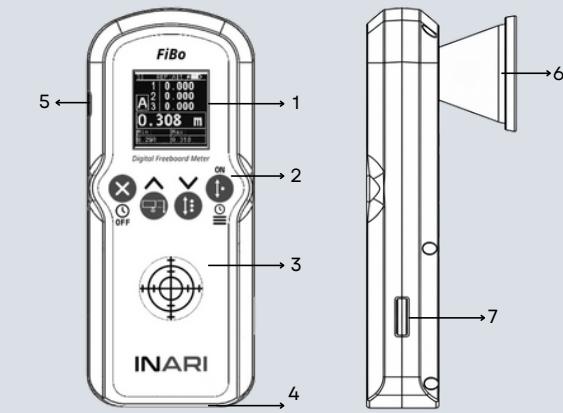
User-Friendly and Practical

FiBo stands out with its user-friendly interface and practical operation. It enables users to take measurements quickly without requiring any complex procedures to obtain accurate data.



Portability and Efficiency

FiBo's lightweight design makes it easy to carry while ensuring it doesn't take up valuable space on board. Its rapid measurement capability helps accelerate operations, allowing users to perform their tasks efficiently.



Parts and Accessories

1. Screen
2. Buttons
3. Bubble Level
4. Magnetic Surface
5. Charge Connector
6. Measurement Lens
7. Safety Rope Attachment Point

Buttons



Storing the Device

- Clean the device with a soft, damp cloth.
- Do not use any chemicals or abrasive materials.
- Turn off the device before opening the battery cover.
- After cleaning, store the device in a dry place.



Legal Disclaimer!

Opening, inspecting, or copying any parts of the device, except for the battery cover, is strictly prohibited.



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Buttons

- Long press while the device is off: turns the device on.
- Short press while the device is on: takes a measurement.
- Long press while the device is on: enters the menu.
- On the menu screen: performs a selection.

- Short press: decreases the record address.
- Long press: takes a measurement in triple measurement mode.
- On the menu screen: scrolls down.

- Short press: increases the record address.
- Long press: changes the measurement reference point.
- On the menu screen: scrolls up.

- Long press: turns off the device.
- Long press during measurement: cancels the operation.
- On the menu screen: goes back.

Measurement

1. Preparing the Device:

- Ensure that there are no obstructions in front of the measurement lens.
- Turn on the device using the "a" button and wait for the main menu to appear on the screen.

2. Placing the Device in a Reference Location:

- Place the device on the ship's hull using the magnet on its base or secure it in a suitable location.
- Ensure that the measurement lens is parallel to the water surface.

Note: The measurement lens must be parallel to the water and free from any obstructions (such as buoys, fender, etc.) in front of it. Otherwise, the measurement may be inaccurate or might not be possible.

3. Measurement

- Press the measurement button once.
- Hold the device steady until the progress bar on the screen is full.
- Once the measurement is complete, the following values will be displayed on the screen:
 - Minimum Measured Distance
 - Maximum Measured Distance
 - Average Distance (Calculated Distance)

4. Different Measurement Types:

- single measurement, duration can be adjusted
- multiple measurements, count can be set
- continuous measurement

Specifications

- Dimensions: 140x60x59
- Weight: 250 grams
- Material: Durable PLA plastic body
- Sensor: 60 GHz radar distance sensor
- Display: 1.44-inch LCD screen
- Magnetic Base: Allows the device to be easily attached to metal surfaces
- Operating Temperature: -10°C to +60°C
- Accuracy: 99.95% precision
- Measurement Range: 0.25 meters - 15 meters

