



Polaris C manual

D0 and D0 High Range



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Polaris C

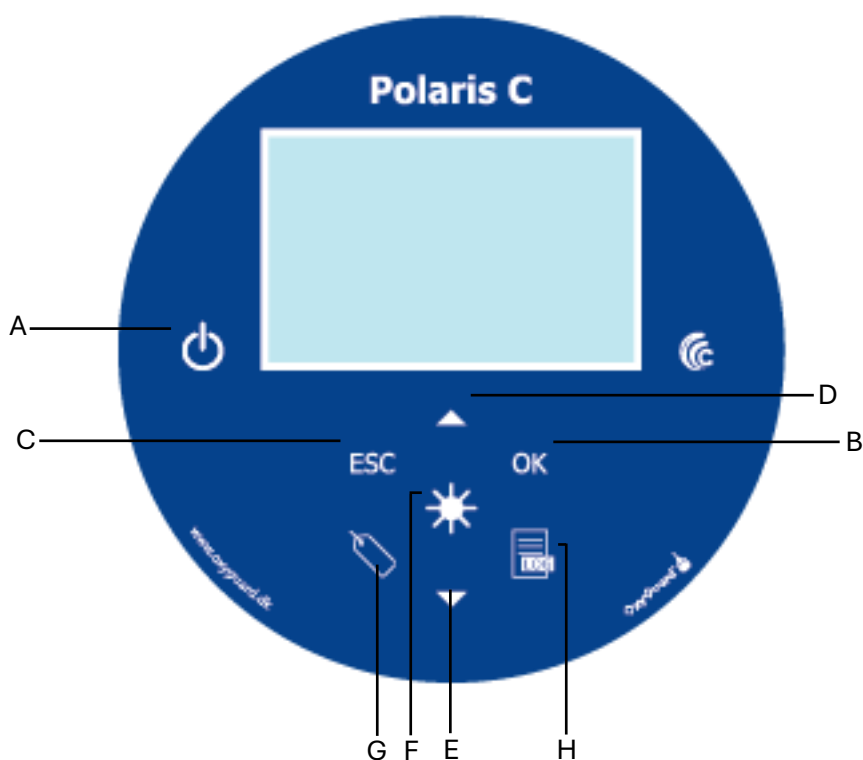
Polaris C is a high-performance, durable and easy-to-use meter designed for spot measurement of dissolved oxygen (DO) in water.

Polaris C meters come with a rechargeable battery. Charge the battery before first use.

The meter and its USB-C port are waterproof and are tested according to IP67 standard, allowing temporary immersion in water up to 1 meter. The probe is designed for continuous underwater use.

For information on how to replace the probe, see the section on probe replacement.

Meter overview



A. ON/OFF button. Turn the instrument on or off by pressing the button for approx. 3 seconds.

B. OK button.

C. ESC button. Exit menus.

D. Up arrow button.

E. Down arrow button.

F. Light button. Turns on the light on the display.

G. Tag button. It reads a tag or stores a sample in the data log, depending on the Meter setup

H. Log button. Opens the "View log menu".

Setup – configuring your personal settings

Complete the following steps to set up the User Interface, which is your personal settings. You only need to do this once when you start using your Polaris C, or if you do a factory reset of your instrument.

1. Press the ON/OFF button for 3 seconds to turn your Polaris on.
2. Press OK and the meter will display the menu:

Cobália sync.

Calibrate

Set salinity

View log

Tag and log menu

Setup

Status list

3. Use the arrow buttons to choose “Setup”.
4. Press the OK button and the meter will display the menu:

- **Setup**
 - User interface
 - Language
 - Date/Time settings
 - Temperature unit
 - Oxygen unit
 - Auto shutdown
 - Light intensity
 - Light timer
 - Startup light
 - Calib. precision
 - Information

5. If you wish to exit the menu, press ESC

User interface

Use the arrow buttons to choose “**User interface**” and press OK. The meter will display the menus:

- Language
- Date/Time settings
- Temperature unit
- Oxygen unit
- Auto shutdown
- Light intensity
- Light timer
- Start-up light

Use the arrow buttons to choose the parameter you wish to adjust and press OK.

These procedures can be done with all the individual submenus:

Language

Use the arrow buttons to choose your preferred language. Press OK to choose.

Date/Time settings

Note: Correct date and time setup are important for the data log functions.

Time format (choose between two formats: 12h and 24h)

Date format (choose between 3 formats)

Use the arrow buttons to set the values of the year (YYYY), month (MM) and day (DD).

To move from one value to the next, use the OK button.

Use the arrow buttons to set the values of the current hour (hh), minutes (mm) and on 12h format; AM/PM. To move from one value to the next, use the OK button.

Use the arrow buttons to set the time zone. Press OK to select the correct time zone.

Temperature unit

Choose between Celsius (°C) and Fahrenheit (°F).

Use the arrow buttons to choose your preferred unit. Press OK.

Oxygen unit

Choose between ppm and mg/L.

Use the arrow buttons to choose your preferred unit.

Auto shutdown

The meter has an auto shutdown function for power-saving purposes. If no meter interactions have occurred for your chosen period, the meter will shut down.

Use the arrow buttons to choose your preferred time (in minutes) for automatic shutdown or to turn the auto shutdown off (this will affect your battery life).

Light intensity

Choose between “Low” (factory setting), “Medium” and “High”. The light setting will affect the battery life. Use the arrow buttons to choose your preferred light intensity and press OK.

Light timer

To improve battery lifetime, you can set a timer that turns the light off automatically. The light can still be turned off manually by pressing the light button on the meter.

Use the arrow buttons to choose your preferred light intensity and press OK.

Start-up light

You can set your meter to activate the light when you start it up. This is convenient for use in dark environments.

Use the arrow buttons to choose On or Off and press OK.

Calibration precision

Use the arrow buttons to choose “Calib. precision” and press OK. The meter will display the 3 options available:

- **Field:** Least sensitive. Suitable for unstable conditions but can be as accurate as Normal or High if stable. Ambient temperature 1–40°C.
- **Normal (default):** High precision. Ambient temperature 10–30°C.
- **High:** Maximum sensitivity, requires very stable conditions. Ambient temperature 10–30°C.

Ambient temperature refers to the air around the device, not the water or process temperature.

Calibration is not possible outside these temperature ranges.

Tip: For best results, store Polaris C in its pouch overnight and calibrate it in the morning without moving it.

Information

Choose “Information” to see the software version and the serial number of your instrument.

Menus

Turn the meter on by pressing the ON/OFF button for 3 seconds. The meter has the following menus:

- Menu
 - Cobália sync.
 - Calibrate
 - Set salinity
 - View log
 - Tag and log menu
 - Log mode
 - Registered Tags (Each Tag has the following menus: Back, delete Tag, choose Tag)
 - Delete all tags
 - Scan tag (Only in personal mode)
 - Erase log
 - Log status
 - Setup
 - User interface
 - Language
 - Date/Time settings
 - Temperature unit
 - Oxygen unit
 - Auto shutdown
 - Light intensity
 - Light timer
 - Startup light
 - Calib. precision
 - Information
 - Status list (this only appears if there is an error message)

Cobália synchronization

With your Polaris C, you can easily take measurements of the parameters and instantly see the result on your meter. If you want to log, save, analyze, and work with your measurements from your Polaris C, you can optimize and make your workflow even more efficient by uploading your data to the platform Cobália.

You receive a 2-year product warranty on your Polaris C instrument when you register it for free in Cobália.

How to synchronize your Polaris C meter with Cobália

Register your free account online at www.cobalia.com. Create your Facility on the platform (works best on a PC). See the brochure 'How to Get Started with Your New Polaris C' or the 'Cobália' chapter at the end of this manual.

Calibrate

When you start your Polaris C, you should get a reading from 97 to 103% oxygen saturation (in air). Small deviations could be due to changes in humidity. The membrane must be dry and clean. To make an accurate calibration, conditions must be stable. If they are not, the meter will display an error message stating the problem. (Review error messages in the section Status List).

Press OK. The meter will display the menu:

Cobália sync.

Calibrate

Set salinity

View log

Log mode

Setup

Use the arrow button to choose "Calibrate". Press OK again to accept the calibration. If correct temperatures are not observed, it is impossible to make a calibration.

We recommend that you leave Polaris C in its pouch overnight in stable conditions and calibrate it in the morning in the pouch without moving it.

Make sure to adjust the calibration precision to suit your location. See how, in the section "Setup - Configuring of Your Personal Settings".

Set salinity

To make accurate measurements you must know the salinity of your media. Set the salinity to suit the salinity of your media as described below.

Press the OK button. The meter will display the menu:

Cobália sync.
Calibrate
Set salinity
View log
Tag and Log menu
Setup


Use the arrow button to choose “Set salinity”. Press OK.

Use the arrow buttons again to set the correct value. To move from one digit to the next, use the OK button. **Note:** that salinity does not affect the calibration.

View log

Logs are your saved measurements. You can save them internally on your Polaris C, by scanning a Tag once in Personal Mode. When you register the Tag on your Polaris C (see how below), you can log your measurements internally, or transfer them later to Cobália (this clears the internal storage on your meter). In this menu, you can check and confirm the recently logged data.

Scan and register a Tag

Place the Polaris C meter on top of the Tag and press the **Tag button**  on your Polaris C to log measurements, or to scan a new Tag. After a few seconds the message “Tag detected” appears on the screen. If no Tag is detected within 10 seconds, the message “No Tag detected” will appear. Please retry.


What is a Cobália Tag?

A Cobália Tag is the size of a Credit Card.

It has a unique ID and can be assigned to a person, fish tank, or any other unit you need to track and identify.

You can register your Tag in Cobália, and upload your measurements taken with your **Polaris C** via the **Cobália Sync App**. A Tag is included in every Polaris C purchase.



You can always view the latest logged data by pressing the **View log button**  on your meter.

To access the menu, press ok and use the arrow buttons to choose View Log. Press OK.

Cobália sync.

Calibrate

Set salinity

View log

Tag and log menu

Setup

Status list

If more than one Tag has been used for logging, you will be asked to choose the Tag you wish to view. After selecting a Tag, press OK. If only one Tag has been used, the data table is shown directly.

The newest values are shown first. The first line: Date of log. Use arrow buttons to navigate between logs.

By pressing OK, you can change the measurement value unit.

Tag and log menu

To navigate and configure your Log settings, press the OK button to display the following menus:

Cobália sync.

Calibrate

Set salinity

View log

Tag and log menu

Setup

Use the arrow button to select the “**Tag and log menu**”. Press OK to display the menu:

- Log mode
- Registered Tags (Each Tag has the following menus: Back, delete Tag, choose Tag)
- Delete all Tags
- Scan Tag (Only in Personal mode)
- Erase log
- Log status

Log mode

Polaris C has 3 modes with different features:

Personal mode (default)

- When in **Personal mode**, it will request to read a Cobália Tag (found on the Tag included) only once.
- All readings in Personal mode are stored under the same Tag on your Polaris C (assigned to a person, tank, or other).
- You can switch between existing Tags or detect a new Tag by **holding the Tag button for 3 seconds** on your Polaris C. A list of previously connected Tags will appear, allowing you to select an existing Tag or scan a new Tag.



Tag mode

- Designed for larger farms with many tanks. All tanks can have their own Tag assigned.
- Requires a new Tag scan **before each measurement**.
- You can also select Tags manually from a predefined list in Cobália. In Cobália you can rename your Tags.



Tag interval mode

- As in Tag mode, but with the possibility of continuous measurements.
- Records measurements automatically at set intervals (10 seconds or more)
- The logging runs until manually stopped.
- Useful for monitoring during feeding, transport, or environmental adjustments.



Registered tags

View and manage the Tags you have scanned and registered, each displayed with a Tag. You can rename them in Cobália.

The submenus for each Tag are:

Back: Goes back to the Tag and log menu

Delete Tag: Use arrows to select. Press OK to confirm or abort.

Choose Tag: Only in Personal mode. Choose a pre-registered Tag instead of scanning.

Delete all Tags

This will delete all registered Tags simultaneously.

To ensure that no Tags are deleted accidentally, you will be asked to confirm. Use one of the arrow keys to choose "Yes" to confirm to delete all Tags.

Scan a Tag (only visible in "Personal mode")

Scan a Tag without saving a log point. Use the arrow buttons to choose "Scan Tag". When "Detecting Tag" appears, place the Tag on the backside of the Polaris C. When the Tag is scanned, the meter will display the message "Tag detected".

If your Polaris C does not detect a Tag within 10 seconds, it will display the message "No Tag detected".

Log interval

You can set your meter to log continuously for a selected period.

Set your preferred log interval (of 10 or more seconds).

Log status

You can get a summary of the logging status and settings, including the current logging interval in seconds, and you can see how much capacity you have left in percentage on your internal storage on your meter.

Status list

Polaris C does an automatic check of the hardware, probe, meter, cable and battery functions. The status list only appears if there is an error message. Press OK to see a list of error conditions.

Press "OK" on the error note showing on the display, to get extended information on the specific error.

- **Probe error** – This message includes multiple specific errors. Details below:
 - Oxygen sensor is out of range
 - Why/when: The oxygen measurement failed, or oxygen is out of valid range: 0-60 mg/L / 0-600% saturation.
 - Solution: Check that oxygen levels are within range. If not, perform a **Dry zero test** and follow up with **Probe renovation**. Or, if needed, a **Factory reset** or **Probe replacement** (see relevant sections).
 - Temperature sensor is out of range
 - Why/when: The temperature reading failed or temperature is out of valid range: -5 to +45 °C / +23 to +113 °F.
 - Solution: Make sure the temperature is within the valid range or try to do a **Factory reset** or a **Probe replacement** (see relevant sections).
 - The instrument needs service. Contact your local distributor.
 - Why/when: Both oxygen and temperature measurements have failed or are out of range.
 - Solution: You can try to do a **Factory reset**, or the probe needs a **Probe replacement** (see relevant sections). Your local distributor can assist.
- **Renovate probe**
 - The Polaris C automatically checks the probe when calibrating.
 - Why/when: The system has detected that the probe needs renovation.
 - Solution: Follow the instructions in the **Probe renovation** section
- **Time not set**
 - Set time and date in the user interface
 - Why/when: If Polaris C has been without power for a longer period.
 - Solution: Set time and date. Setup → User interface → Date/time setting → Set date & time.

- **Pressure sensor error**
 - Pressure sensor has failed. Pressure compensation is now inactive
 - Why/when: When the pressure sensor is faulty.
 - Solution: It needs to be sent to our repair center if you wish to have this fixed. The probe can work without it, but this may affect the oxygen readings up to 10%.
- **Please calibrate**
 - Current calibration may not be accurate
 - Why/when: When calibration has failed, or the user has used “load defaults”.
 - Solution: Calibrate Polaris C again.
- **Internal error**
 - The instrument needs service. Please contact your local distributor.
 - Why/when: When the hardware is faulty
 - Solution: It needs to be sent to repair when this error shows.
- **Battery low**
 - Battery low. Please charge the battery.
 - Why/when: This occurs when the battery has less than 20% remaining power.
 - Solution: Recharge the battery. Battery type: Single-cell Li-Ion battery pack with integrated battery protection circuitry. Nom. 3.7V, max. capacity 8.33Wh. UN38.3 certified.
- **Battery critical**
 - Battery critically low. Please charge the battery.
 - Why/when: When the battery has less than 10% remaining power. This might influence the electronics, like Bluetooth connection or Tag scanning.
 - Solution: Recharge the battery.
- **Tag error**
 - Tag detection not working. Please contact your local distributor.
 - Why/when: This shows if Polaris C cannot communicate with the NFC/RFID chip in the Tag. Then the NFC/RFID will not work.
 - Solution: It needs to be sent to our repair center when this error shows.
- **Log is 80% full**
 - Please synchronize with Cobália to erase the log.
 - Why/when: When Polaris C's internal log is 80% full.
 - Solution: Synchronize with Cobália. If you do not connect to Cobália, you can delete the log in the Setup menu → Tag and log menu → Erase log.

- **Log is full**
 - Please synchronize with Cobália to erase the log.
 - Why/when: When Polaris C's internal log is full.
 - Solution: If you do not connect to Cobália, you can delete the log in the Setup menu → Tag and log menu → Erase log.
- **Cable damaged**
 - The cable may be damaged. Check the cable.
 - Why/when: This may occur due to a break in the cable, typically near the probe.
 - Solution: You can replace the probe. Probe replacements can be ordered with your distributor or at OxyGuard, or you can send it to our repair center.

Firmware update

Get notifications on firmware updates to your Polaris C in the Cobália Sync App (Available for IOS & Android). Log on with the same credentials as on your Cobália platform.

Meter maintenance

Polaris C meters comes with a rechargeable USB-C battery. Charge the battery before first use. It does not need replacement or maintenance. If the meter needs repair, you must send it to us for inspection. Please communicate with your OxyGuard Distributor, or directly with the OxyGuard Support Team: support@oxyguard.dk

Regarding the probe, please see the instructions in the Probe Section.

Factory reset

If your Polaris C gives faulty, repeated error messages, you can reset the meter:

- Turn on your Polaris C and open the menu with the "OK" button.
- Press the up and down arrows **at the same time** and keep them down for approx. 3 seconds to open the "Technical Setup" menu:
 - Choose "**Load default values**" and press OK. Confirm with OK again.

Your Polaris C is now reset to factory settings, which includes the reset of any custom settings of the probe. After a factory reset, please review the steps in the Setup menu, and perform a calibration of the probe.

Probe

Probe maintenance

- Always rinse the probe with clean water after use to ensure it is ready for the next measurement.
- Store the probe in a stable, temperate environment to minimize renovation needs.

Probe cleaning and disinfection

Always disinfect probes before moving them between tanks to avoid spreading disease. Simply dipping the probe in disinfectant is not enough. You must clean the probe to remove dirt or deposits. You can use a very soft brush to remove buildup, and after that, you can disinfect it.

For cleaning, you can use:

- Soapy water
- Ethanol or methanol (e.g. 70% alcohol / surgical spirit)
- Caustic soda solution (1% NaOH)
- Organic acids (such as vinegar, acetic acid or citric acid)
- Sodium hypochlorite (bleach)

Disinfection guidelines

- Follow the instructions for use of the disinfectant product.
- OxyGuard probes can be safely rinsed or dipped in all common disinfectants used in aquaculture.
- Do NOT leave the probe in any cleaning or disinfecting solution for longer periods.
- **DO NOT USE MINERAL ACIDS, CHLORINATED HYDROCARBONS OR SIMILAR FOR OXYGEN PROBES.**

Dry zero test

1. **Temperature check**

Check that the temperature is correct for your environment.

2. **Remove and clean**

Remove the membrane cap from the probe. Rinse the probe tip with clean water and wipe it dry.

3. **Dry air reading**

When the probe is clean and dry, turn on the meter.

The display should show **0.01 or lower** when the probe is in the air.

4. **Instrument check**

With wet fingers, touch both the anode and the cathode at the same time using one hand.

The display should show a deflection – a visible increase in the reading.

Evaluation:

- If all four of the above conditions are met and the reading in the air is still 0.01 or lower, the dry zero is OK. You may then proceed with renovating the membrane cap (see the **Probe renovation** section in this manual).
- If this does not solve the issue, the probe may need to be replaced or inspected. Contact your local distributor or return the probe to OxyGuard for service.

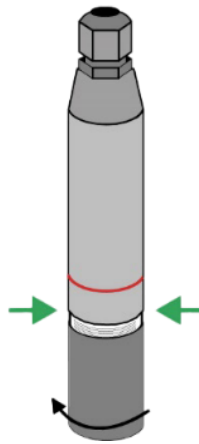
Probe renovation

Do this only when a message on the display tells you to, typically every 6 or 12 months.

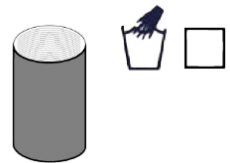
1. Remove the Membrane Protector by pulling it straight downwards.



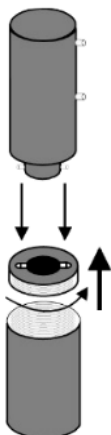
2. Gently unscrew the Membrane Cap. Make sure to unscrew at the correct place (green arrows)



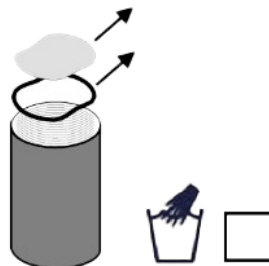
3. Wash and dry the Membrane Cap



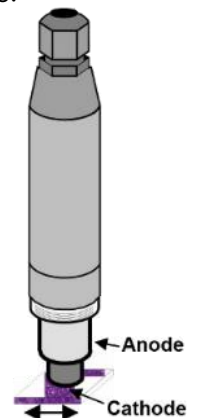
4. Use the Handy Tool to remove the Membrane Retainer Ring from the Membrane Cap.



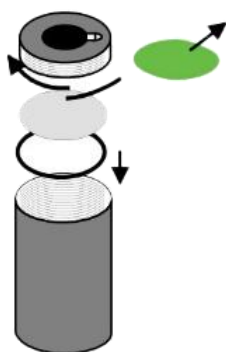
5. Remove the membrane and the O-ring from the Membrane Cap. Wash and dry the empty Membrane Cap as well as the Membrane Retainer Ring.



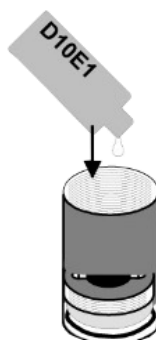
6. Gently clean the cathode with the sponge and use a soft brush, for instance, an old toothbrush to remove any white deposit from the anode.



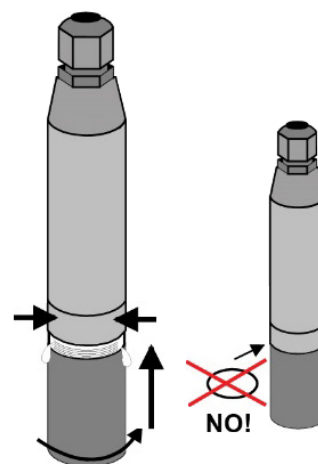
7. First place the new O-ring, then the membrane and finally the Membrane Retainer Ring in the Membrane Cap. Ensure that the membrane does not wrinkle. Please remember to remove the green protecting paper from the membrane.



8. Fill the Membrane Cap with electrolyte.



9. Screw the Membrane Cap back onto the probe. There is no O-ring between the Membrane Cap and the rest of the probe. Please be careful not to tighten the membrane cap too hard.



10. Wait a few hours and then make a calibration. The probe takes time to settle down, you might get an error message "Probe output too high" if you try to calibrate immediately. Check the calibration after approx. 24 hours.

Cleaning the anode and cathode

If the anode or the cathode appears tarnished, it can be gently sanded using the brown pad (known as a Schotch-Brite pad) from your accessory kit, which is a **non-woven abrasive pad, grade 600 wet-or-dry sandpaper** or an old toothbrush.

DO NOT polish the anode or the cathode! Light sanding is allowed. Avoid excessive pressure or creating a polished surface.

Use separate pads for the anode and the cathode! The anode is made of zinc, and the cathode is made of silver – cross-contamination must be avoided.

Probe replacement

You can replace the probe on the Polaris C with the same probe type.

Important: Be very careful during this procedure. Watch our guide on our YouTube channel by searching for "OxyGuard International."

Steps:

1. **Open the meter:**
Unscrew the outer backplate using the Handy Tool included in your accessory kit.
Item no: H10TOOL.
2. **Carefully access the inner assembly:**
Behind the backplate is the inner protector plate, where the battery is attached, and also an antenna, the thin internal wire.
Handle with care – damaging the wire requires factory repair.
3. **Remove the inner protector plate:**
The inner protector plate is secured with three screws. Unscrew these and carefully lift the plate slightly to access the battery connector (red/yellow/black wire going into a white connector). To be able to open the plate, disconnect the battery wire from the connector on the circuit board. This connection can be tight – use pliers to carefully pull the connector straight out.
Once disconnected, you can lift the inner protector plate. Be mindful that the thin internal wire (antenna) is still attached. Place the plate aside carefully to access the green probe connector.
4. **Document the wiring:**
Take a photo of the wire connections or use the diagram below specific to your meter.
5. **Disconnect the old probe:**
Press each connector pin with a small screwdriver or fingernail and gently pull the wires.
Remove the probe.
6. **Connect the new probe:**
Attach the new probe wires in the same way, pressing the pins while inserting the wires.
7. **Reassemble:**
Carefully reposition the inner protector plate; connect the battery wire to the connector again, and reposition the inner plate, fasten it with the 3 screws. Tighten the outer backplate with the Handy Tool.
8. **Seal the cable entry:**
Apply a small amount of hybrid adhesive sealant around the PG7 cable gland, at the cable entry point in the cabinet, to ensure waterproofing.

Note: It is not possible to replace the probe with another type of probe.

Probe cable connections for Polaris C DO & DO High Range

8	Screen
7	
6	Yellow
5	Brown
4	White
3	Blue
2	Black
1	Green



Technical specifications

- **Units of measure:** Oxygen: ppm (mg/L), % saturation. Temperature: Celsius (°C), Fahrenheit (°F)
- **Display:** Graphical LCD display with variable backlight
- **Probe type:** Electrochemical
- **Cable length:** Standard 3 meters / 10 ft. By request; available at any length up to 100 m / 328 ft
- **Operating temperature:**
 - o **Probe:** -5° to +45° C / +23 to +113° F
 - o **Meter:** -20° to +60° C / -4° to +140° F
- **Meter water resistance:** IP67-rated, allowing short-term immersion up to 1 m / 3 ft.
- **Response time:** To 90% in less than 20 seconds
- **Measuring range:**
 - **Standard:** Oxygen: 0-60 (mg/L) / 0-600% saturation.
Temperature: -5 to +45° C / +23 to +113° F
 - **High Range:** Oxygen: 0-600 (mg/L) / 0-1200% saturation.
Temperature: -5 to +45° C / +23 to +113° F
- **Measuring accuracy:**
 - **Standard:** Oxygen: Typically, $\pm 1\%$ of the measured value.
Temperature: $\pm 0.2^\circ \text{C} / \text{F}$
 - **High Range:** Oxygen: Typically, $\pm 4\%$ of the measured value.
Temperature: $\pm 0.2^\circ \text{C} / \text{F}$
- **Data logging capacity:** Min. 3000+ sets of data with maximum 140 tag references.
- **Salinity compensation range:** 0-59 ppt, manually set.
- **Automatic check of:** Probe function, meter function, cable and battery
- **Automatic compensation:** Temperature and barometric pressure (300-1200 mBar)
- **Dimensions meter:** Length = 98 mm / 3.86". Diameter = 36 mm / 1.42"
- **Dimensions probe:** Length = 159 mm / 6.26". Diameter = 22 mm / 0.87". With protection cap: Length = 176 mm / 6.93". Diameter = 29 mm / 1.14".
- **Power:** Single-cell Li-Ion battery pack with integrated battery protection circuitry.
Nom. 3.7V, max. capacity 8.33Wh. UN38.3 certified.
- **Battery life:** Up to 450 days of typical usage of 2 hr/day.

Spares, accessories and meter versions

Spares for Polaris C DO & DO HR

Replacement probe for Polaris C DO	Item no: H05DOYRP-25
Replacement probe for Polaris C DO High Range	Item no: H05DOHYRP-25
Kit: 10 membranes and 10 O-rings, 50 ml electrolyte and tool	Item no: H10ACCPOL
Set of 10 membranes and 10 O-rings	Item no: H10M
Membrane cap with membrane	Item no: H10CAP
500 ml electrolyte (Type 1)	Item no: D10E10500

Polaris C meter versions

Polaris C DO	Item no: H05DO-25
Polaris C DO – High Range	Item no: H05DOH-25
Polaris C LDO	Item no: H05LDO-25
Polaris C TGP	Item no: H08-25
Polaris C Salinity	Item no: H09-25
Polaris C pH	Item no: H04P-25
Polaris C pH – Heavy Duty	Item no: H04PHD-25
Polaris C Redox	Item no: H04R-25
Polaris C Redox – Heavy Duty	Item no: H04RHD-25
Polaris C Atmosphere	Item no: H02A-25
Polaris C Atmosphere – High Range	Item no: H02AH-25
Polaris C Atmosphere – Sample Pump	Item no: H02ASP-25
Polaris C MaxiTemp	Item no: H03-25
Polaris C CO2	Item no: G02-25
Polaris C CO2 – High Range	Item no: G02H-25

Accessories for all Polaris C instruments

Wall-mount holder for Handy meter (aluminium)	Item no: H10HOLDERA
Wall-mount holder for Handy meter (POM)	Item no: H10HOLDERP
Pouch for Handy meters	Item no: H10PO
Handy tool	Item no: H10TOOL
Extra Handy cable, per meter	Item no: H10CB6
Cable Reel for Handy Polaris	Item no: H10REEL
Sinker for Handy probe and cable relief	Item no: H10SNK
Cobália Tag	Item no: C70TAG
Cobália Link license, for Marlin or Handy, per year.	Item no: C70CHM

Cobália is a cloud-based fish farm management platform providing advanced tools for water quality analysis and facility management. With Cobália, you can register stock, monitor key parameters, and manage feed and additives.

OxyGuard customers get free access to **Cobália Basic**, our entry-level platform license. For more advanced features, you can upgrade to **Cobália PRO**. Additionally, each Polaris C device includes a **Cobália LINK** license, granting 3 months of **FREE** access upon registration.

For a free demonstration, contact our support team at **support@oxyguard.dk**.

Set up your Cobália account

A computer or tablet must be used for the following steps.

New Cobália user

1. Register your new Polaris C
Go to: cobalia.com/register
2. Enter your license key located on the sticker on the front of this brochure
3. Follow the registration steps in Cobália.
Note: Find your **Token-number** and your **"Handy" Serial Number** on the sticker attached to your Polaris C.

Already a Cobália user?

1. Open your facility at:
app.cobalia.com
2. Navigate to the *Administration* → *Facility* → *Hardware* page, and add the hardware to your facility
3. Add your new hardware by typing in the **"Handy" serial number** and the token found on your Polaris C.

How to set up your Polaris C in Cobália

A computer or tablet must be used for the following steps.

1. View your Polaris C in Cobália:
Administration → Facility → Hardware or Facility → Equipment
2. Activate your Polaris C:
 - Go to Administration → Facility → Hardware.
 - Click Edit, then Activate
 - This activation includes three months of **Cobália Link** for free
3. Add your tag
 - Go to Administration → Facility → Tags.
 - Click "Add New" and enter the ID number from the tag (you can also rename it here)
4. Your tag is now visible under Facility → Tags

How to log your measurements in Cobália

1. Start by **turning on** your Polaris C
2. **Calibrate your instrument** for accurate readings: **OK → Calibrate**
For probe-specific settings, see the probe manual for details
3. Set time and date: **OK → Setup → User Interface → Date/Time Settings**
4. **Log a measurement** by scanning your Cobália Tag. Hold the Tag against the back of your Polaris C and press the tag button
5. **View logged measurements** by pressing the log button
6. **Upload measurements** to Cobália:
 - Download the **Cobália Sync app** for uploading data (iOS/Android)
 - Ensure that Bluetooth and GPS are enabled.
 - Log in and press "**Scan for Equipment**" on the Cobália Sync app
 - On Polaris C, go to **OK → Cobália Sync**
 - When connected, press "**Upload Data**" on the Cobália Sync app
7. **View measurements** on your computer
Cobalia.com → Facility → Equipment
 Once uploaded, data is automatically deleted from your meter

