

Home and notices



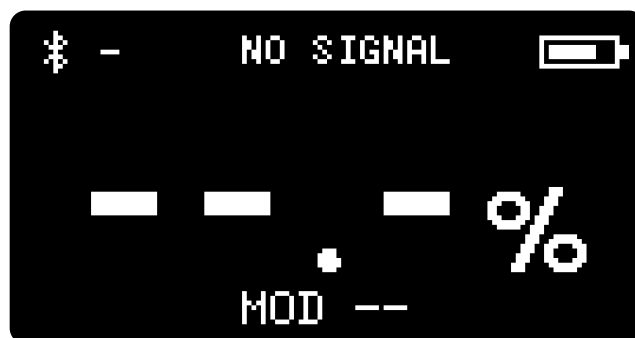
Oxygen and MOD in salt-water feet.



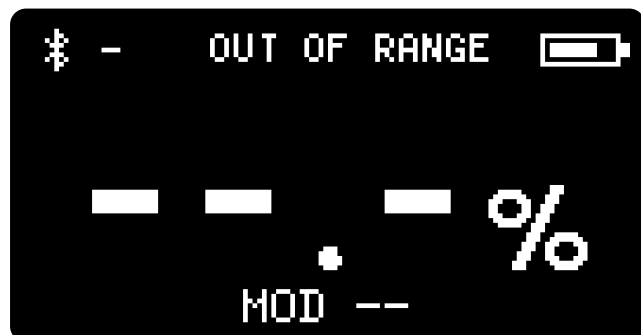
Tap Down to show the cell voltage.



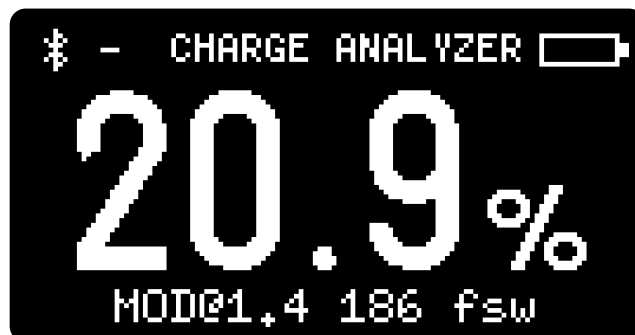
Connect a phone to set the clock.



Check the cell and its connection.



Check the signal before using the reading.



Stop analysis and recharge the unit.

These OLED screens show example readings and a fictitious pairing code. See the [User Manual](#) for complete operating instructions.

Menus

MENU

> Cell
History
Connections
Settings

Tap both buttons at Home to open the menu.

CELL

> Raw mV
Calibrate
Linearity check
New cell

Choose a cell function with Up or Down.

HISTORY

> Readings
Print saved
Linearity logs

Review saved readings or linearity reports.

CONNECTIONS

> Bluetooth On/Off
Pair phone
Printer
Connection mode

Set up the phone, printer and connection mode.

SETTINGS

> Advanced
MOD settings
Auto-off
Brightness

Settings shown with Advanced selected.

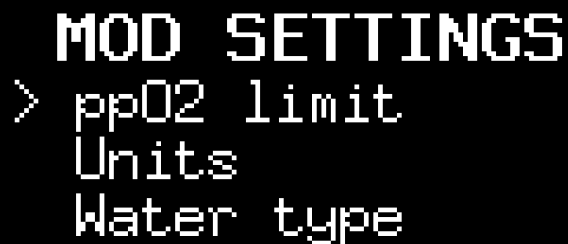
ADVANCED

> Clear readings
Clear linearity
Factory reset

Choose separate clear actions or Factory reset.

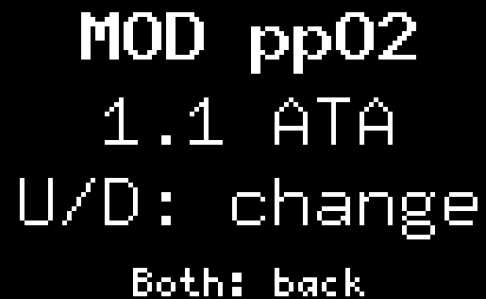
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MOD settings



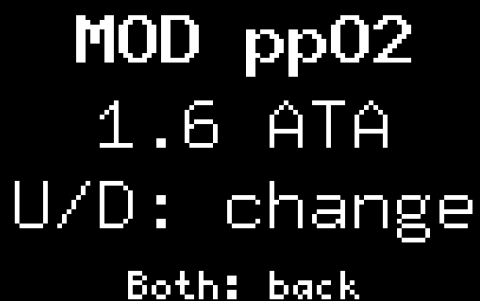
MOD SETTINGS
> pp02 limit
Units
Water type

Choose the limit, units and water type.



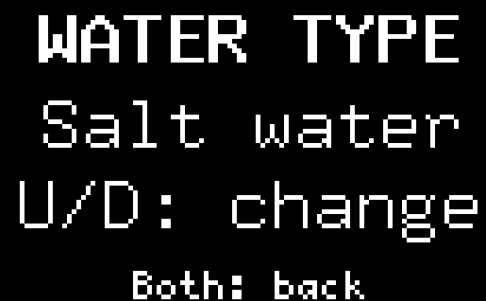
MOD pp02
1.1 ATA
U/D: change
Both: back

Use Up or Down to change the limit in 0.1 steps.



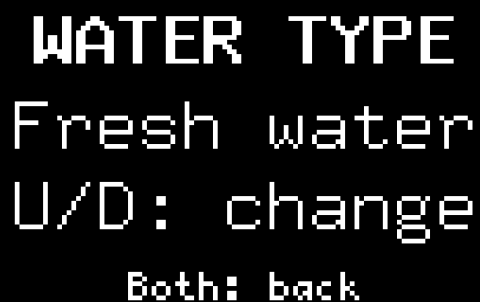
MOD pp02
1.6 ATA
U/D: change
Both: back

The highest available limit is 1.6 ATA.



WATER TYPE
Salt water
U/D: change
Both: back

Choose Salt for salt-water MOD.



WATER TYPE
Fresh water
U/D: change
Both: back

Choose Fresh for fresh-water MOD.



UNITS
Feet
U/D: change
Both: back

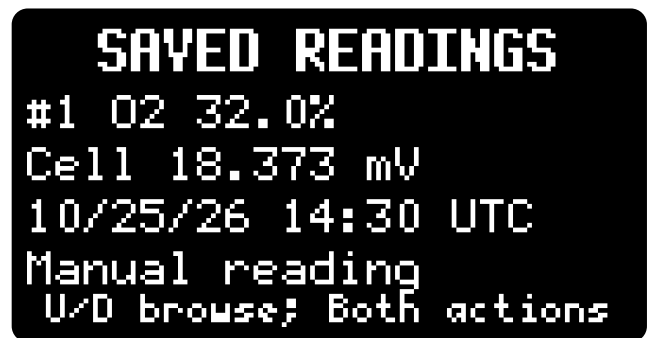
Choose Feet or Metres, then press both to return.

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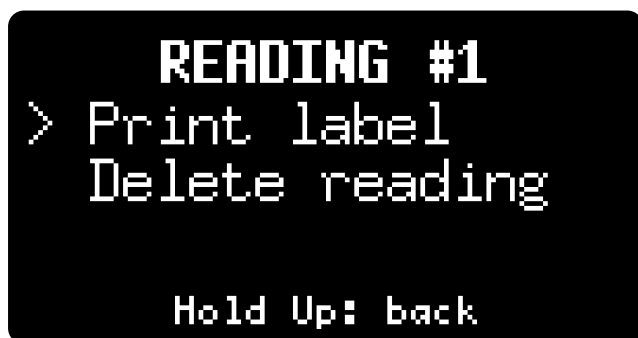
Save and history



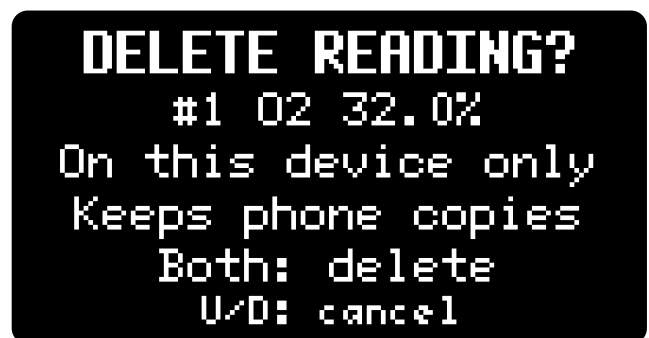
Check the saved value. This message lasts two seconds.



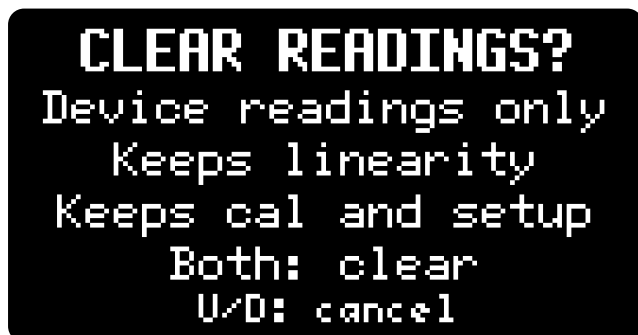
Use Up or Down to browse saved readings.



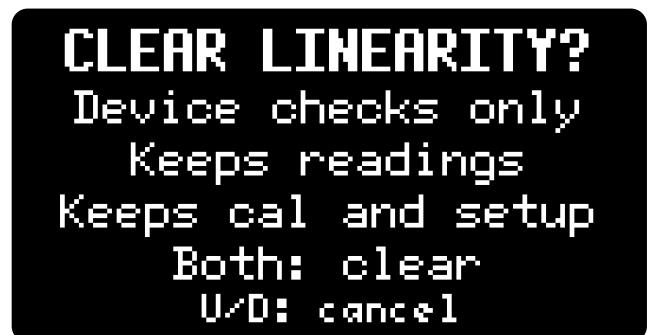
Press both to print or delete the selected reading.



Press both to delete, or Up or Down to cancel.



Clear readings without removing calibration or setup.



Clear all reports while keeping the saved readings.

These OLED screens show example readings and a fictitious pairing code. See the [User Manual](#) for complete operating instructions.

Cell and diagnostics

```

02 32.0%
Cell 18.373 mV
ADC 4703
READING VALID
Cal ref 12.000 mV
Any tap: back
  
```

Review the cell voltage under Cell > Raw mV.

```

NEW O2 CELL?
New installation ID
Clears calibration
Keeps past records
Both: confirm
U/D: cancel
  
```

Register an analog replacement, then calibrate it.

```

SENSOR TYPE
Galvanic
U/D: change
Both: save & restart

Hold Up: back
  
```

Select Galvanic for a conventional oxygen cell.

```

SENSOR TYPE
PyroScience UART
U/D: change
Both: save & restart

Hold Up: back
  
```

Select PyroScience UART for the supported digital input.

```

SENSOR TYPE
Greenflash analog
U/D: change
Both: save & restart

Hold Up: back
  
```

Select Greenflash analog for an optical analog output.

```

DEVICE INFO 2/2
Cell ...0000000000002
R 0/250 Checks 0/5
4.00V ~80%
Clock: connect phone
U/D page; Hold Up back
  
```

Use Up or Down to change Device Info pages.

These OLED screens show example readings and a fictitious pairing code. See the [User Manual](#) for complete operating instructions.

Air calibration

AIR CALIBRATION

Air 20.9% O2
Confirm gas

Both confirm; U/D cancel

Check the air reference and press both to start.

AIR CALIBRATION

Air 20.9% O2
Collecting 10s
1s elapsed

U/D: cancel

Keep the sample steady during collection.

AIR CALIBRATION

Air 20.9% O2
Signal rising
6s elapsed

U/D: cancel

Wait for the rising signal to settle.

AIR CALIBRATION

Air 20.9% O2
Signal falling
6s elapsed

U/D: cancel

Wait for the falling signal to settle.

AIR CALIBRATION

Air 20.9% O2
Signal noisy
6s elapsed

U/D: cancel

Check flow, connections and cell condition.

CALIBRATION FAILED

Signal unstable
Check cell + gas flow

Any tap: home

Dismiss the message, correct the cause and recalibrate.

These OLED screens show example readings and a fictitious pairing code. See the [User Manual](#) for complete operating instructions.

Custom calibration

CALIBRATION
Ref 1: 20.9% O2
U/D: change
Both: next

Hold Up: back

Set the reference's actual oxygen percentage.

CALIBRATION
Ref 1: 20.9% O2
U/D: change
Both: next

Hold Up: back

For two points, enter the lower concentration first.

CALIBRATION
Ref 2: 100.0% O2
U/D: change
Both: next

Hold Up: back

Enter the higher concentration next.

CALIBRATION
1/2: 20.9% O2
Present known gas
Both: next

U/D: cancel

Present the gas and press both for Next.

CALIBRATION
1/2: 20.9% O2
Confirm known gas
Both: confirm
U/D: cancel

Check the reference, then press both to confirm.

CALIBRATION
1/2: 20.9% O2
Collecting 10s
1s elapsed
U/D: cancel

Keep the gas steady while this point is collected.

These OLED screens show example readings and a fictitious pairing code. See the [User Manual](#) for complete operating instructions.

Linearity

LINEARITY CHECK

Air, then high O2

Both: start check
Down: back

Press both to start the air-to-high-gas check.

LINEARITY GAS

Ref 2: 100.0% O2

U/D: change

Both: next

Hold Up: back

Set the actual high-gas oxygen percentage.

LINEARITY RESULTS

#1 1/1 Complete

Air deviation -4.21%

55.00 / 57.42 mV

Date unknown

U/D browse; Both: back

Compare the measured and expected high-gas output.

LINEARITY RESULTS

#1 1/1

Fresh-air baseline

Cell ...0000000000002

No pass limit

U/D browse; Both: back

Check the cell ID when comparing past reports.

These OLED screens show example readings and a fictitious pairing code. See the [User Manual](#) for complete operating instructions.

Printer setup



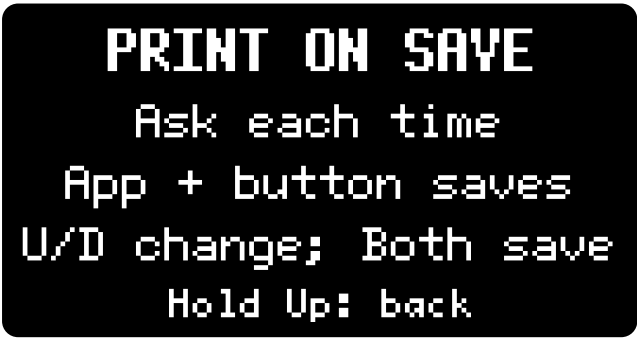
PRINTER
> Not set up
Find printer

Choose Find printer to complete setup.



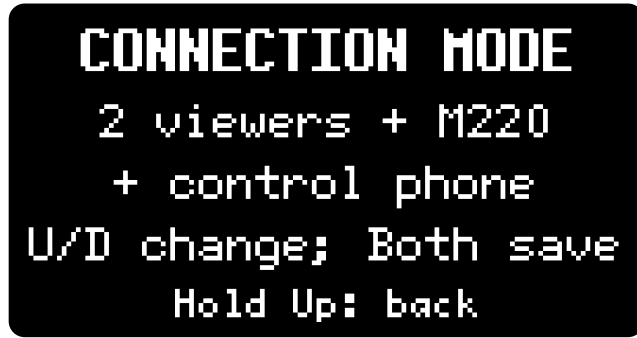
PRINTER
> Find printer
Print test
Print on save
Forget printer

A selected printer enables the printing options.



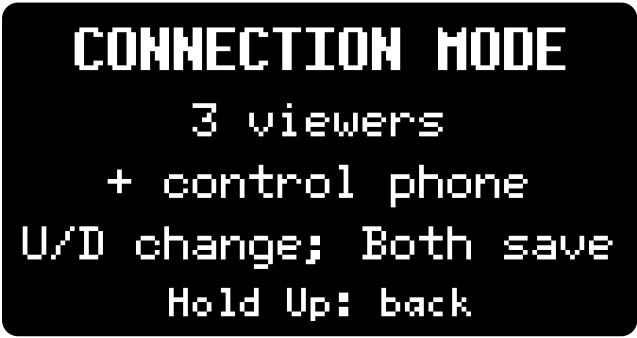
PRINT ON SAVE
Ask each time
App + button saves
U/D change; Both save
Hold Up: back

Choose Off, Ask each time or Automatic.



CONNECTION MODE
2 viewers + M220
+ control phone
U/D change; Both save
Hold Up: back

Reserve a connection for the M220 printer.



CONNECTION MODE
3 viewers
+ control phone
U/D change; Both save
Hold Up: back

Choose three viewers when no printer slot is needed.

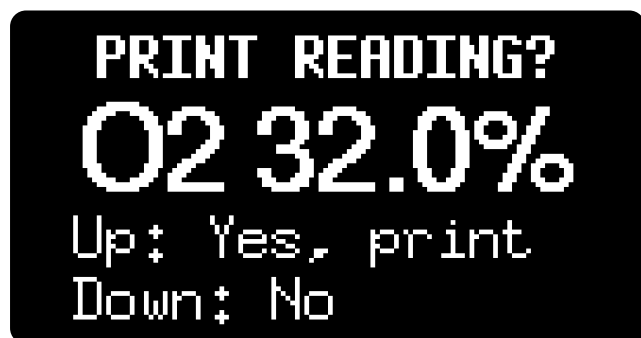


FORGET PRINTER?
Q893E68A2080004
Both: forget
U/D: cancel

Press both to forget the selected printer.

These OLED screens show example readings and a fictitious pairing code. See the [User Manual](#) for complete operating instructions.

Printing



Press Up to print, or Down to keep the reading without printing.



The analyzer starts sending the label.



Wait for the transfer to finish.



The label has been sent. Check the paper print.



A successful result closes after five seconds.



The analyzer returns to the menu that started the print.

These OLED screens show example readings and a fictitious pairing code. See the [User Manual](#) for complete operating instructions.

Phone and reset

PHONE PAIRING

Open phone app
Select this analyzer
Hold Up: cancel

Select this analyzer in the companion app.

PHONE PAIRING

123456
Enter code on phone
Hold Up: cancel

Enter the code shown on your analyzer.

BLUETOOTH

On
U/D: change
Both: save
Pair phone enables it
Hold Up: back

Choose On or Off and press both to save.

CLEAR PAIRING?

Bluetooth pairing
Keeps cal and history
Both: erase/restart
U/D: cancel

Clear remembered pairings; keep calibration and history.

FACTORY RESET?

Readings + checks
Cell + calibration
Settings + printer
Bluetooth pairing
Both: erase/restart
U/D: cancel

Read what will be erased before confirming.

DEVICE INFO 1/2

Deep6 NX A1B2C3
Serial
D6N-A1B2C3
Build 79
U/D page; Hold Up back

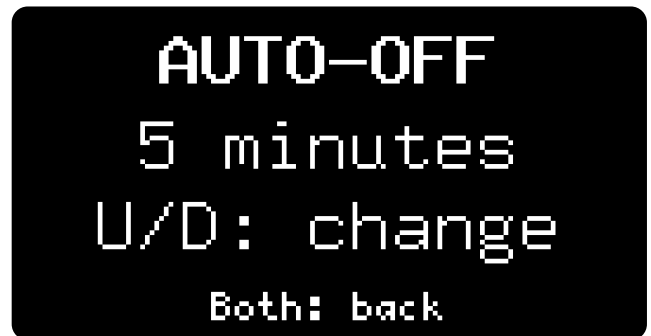
Match this serial when selecting a nearby analyzer.

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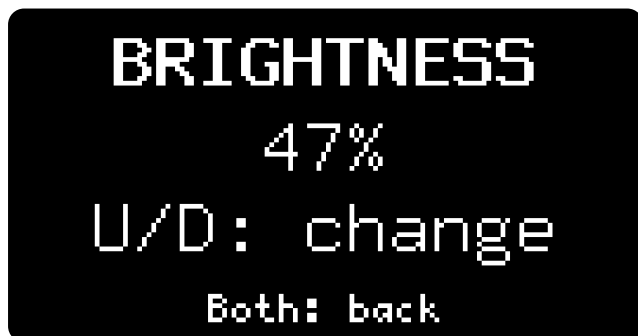
Power controls



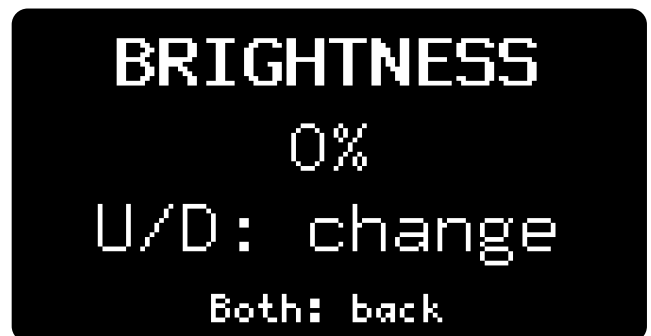
Auto-off is Off by default.



Choose 1, 5 or 10 minutes to enable Auto-off.



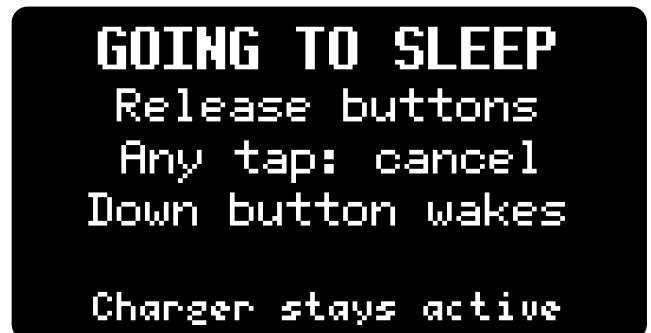
Use Up or Down to adjust display brightness.



At 0%, the display stays on at minimum brightness.



100% is the maximum brightness setting.



Tap a button during the countdown to cancel sleep.

These OLED screens show example readings and a fictitious pairing code. See the [User Manual](#) for complete operating instructions.

Sleep and update

GOING TO SLEEP

Release buttons
Any tap: cancel
Down button wakes

Charger stays active

Release the buttons and let the countdown finish.

FIRMWARE UPDATE

Build 79 > 80

Update?

Both: approve update
U/D: cancel transfer

Press both buttons to approve this update.

FIRMWARE UPDATE

Receiving 79 > 80

47 %

U/D: cancel transfer

Wait for transfer and the checks that follow it.

FIRMWARE UPDATE

Build 80

Ready

Both: restart & test
U/D: cancel transfer

Press both to restart, then wait for validation.

Validating...

Please wait

Leave power on while validation runs.

FIRMWARE UPDATE

Build 80

Failed

Any tap: dismiss

Dismiss the message and check status in the app.

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