

Get close with a rebreather

## Experience

Dive long, dive quietly, dive safely. Stay nearly down as long as you want. Blend in and get close to the wildlife. Sounds too good to be true?

Not any more.

## Freedom

The new fully automatic Mk VI Discovery rebreather is designed to give sport divers the ultimate diving experience without all the technical complications.

Forget everything you might have heard about pO<sub>2</sub>, scrubber life and oxygen cells. Relax and let the unit handle the controls. All you have to do is breathe.

## Comfort

With the new Discovery, exploring the underwater realm has never been so comfortable and uncomplicated.

## Don and Dive

Open the tanks, activate the wet switch, wait for the automatic system to perform its checks, and you are all set to go. Breathing warm and humid air as you explore keeps you warm and hydrated longer.

## Just flip the switch

The compact combined mouthpiece makes going to open circuit as easy as just flipping a switch. Also acting as an automatic diluent valve (ADV) increasing buoyancy is as simple as taking a deep breath.

## Monitor

Just follow the indications—the Resource Management System is designed to take care of you and leave you to do your diving. The in-built full dive computer is upgradable over the internet.

## No Stress

Always providing you with the optimal oxygen mix (nitrox) for any given depth, you are not only in less risk of decompression sickness, you also feel better after the dive.

And don't worry about running out of time or low on consumables. The superior gas economy of a rebreather will allow you to stay down there as long as the dive tables permit, and you will seldom have to ascent due to lack of breathing gas.

## Plug and play

The Discovery is powered by a rechargeable Li-Ion battery—the same type used in mobile phones. Just detach the unit and charge it at home or in your car and you are set to go. Bright green diodes show the charge status.

# DISCOVERY

## Simplicity through automation

## Silence

Each refill of oxygen and scrubber, which comes in easy-to-handle pre-packaged canisters, will give you long hours worth of diving. With the new Mk VI Discovery, you will experience a new way of diving, which is safe, quiet and lasts as long as you want.

## Simplicity

Finally, our post diving procedures are as simple and safe as the rest. Simply rinse the entire unit in fresh water, remove the electronics and put the rest in your dishwasher. Just don't forget to charge the battery for next weekend adventure!

## No Hassle

## One sensor is enough

Now you can forget about multiple oxygen sensors and the confusing complexities of voting logic. A new way of continuous calibration of the sensor ensures that the readings are always accurate.

## Economical

The cost per diving hour is no higher than for ordinary open circuit scuba diving, but the added experience is priceless.

## Safety

In the unlikely event that our sophisticated control system detects an error that cannot be corrected, it will alert the diver through vibration and a flashing red light in the mouthpiece, to switch to open circuit and abort calmly to the surface. Our dealer will take care of the rest.

*Developed in Sweden—  
If it works here, in our environment,  
it works everywhere.*

# Just Don & Dive

*No bubbles,  
no noise*



# Get close



*It is time for*

## **DISCOVERY**



## **CIS-LUNAR** Mk VI



## The Technical Bits:

Dimensions (h x w x d): 53 x 41 x 18 cm

Weight: 15 kg (33lb) ready to dive

Colour: Yellow/Black

Weight Harness Sizes: Fits any BC

Counterlung Sizes: 4 or 6 liters

Scrubber type: Pre-packed

Weight of scrubber (nominal): 2.7kg

Scrubber duration: Will outlast oxygen supply

O<sub>2</sub> Cylinder: 3 liter 100 bar, aluminium

Diluent Cylinder: 3 litres 210 bar, aluminium

### Standard Features:

Fully automatic

Combined mouthpiece for Closed Circuit/Open Circuit with built-in Automatic Diluent Valve

Full dive computer

IrDA and PC software

Software Upgradable through Internet

Head Up Display with vibrator

Audible Warnings

Resource Management System

Automatic Sensor Calibration

Battery: Li-Ion, rechargeable

Depth Limits: 40m with air as diluent.

First stage (Oxygen):

Poseidon XStream, pure oxygen certified

First stage (Diluent): Poseidon XStream

Second stage (In mouth-piece):

Poseidon XStream

Buddy regulator: Poseidon Cyklon

Oxygen Control:

Preset oxygen pressure setpoints

Oxygen Sensors:

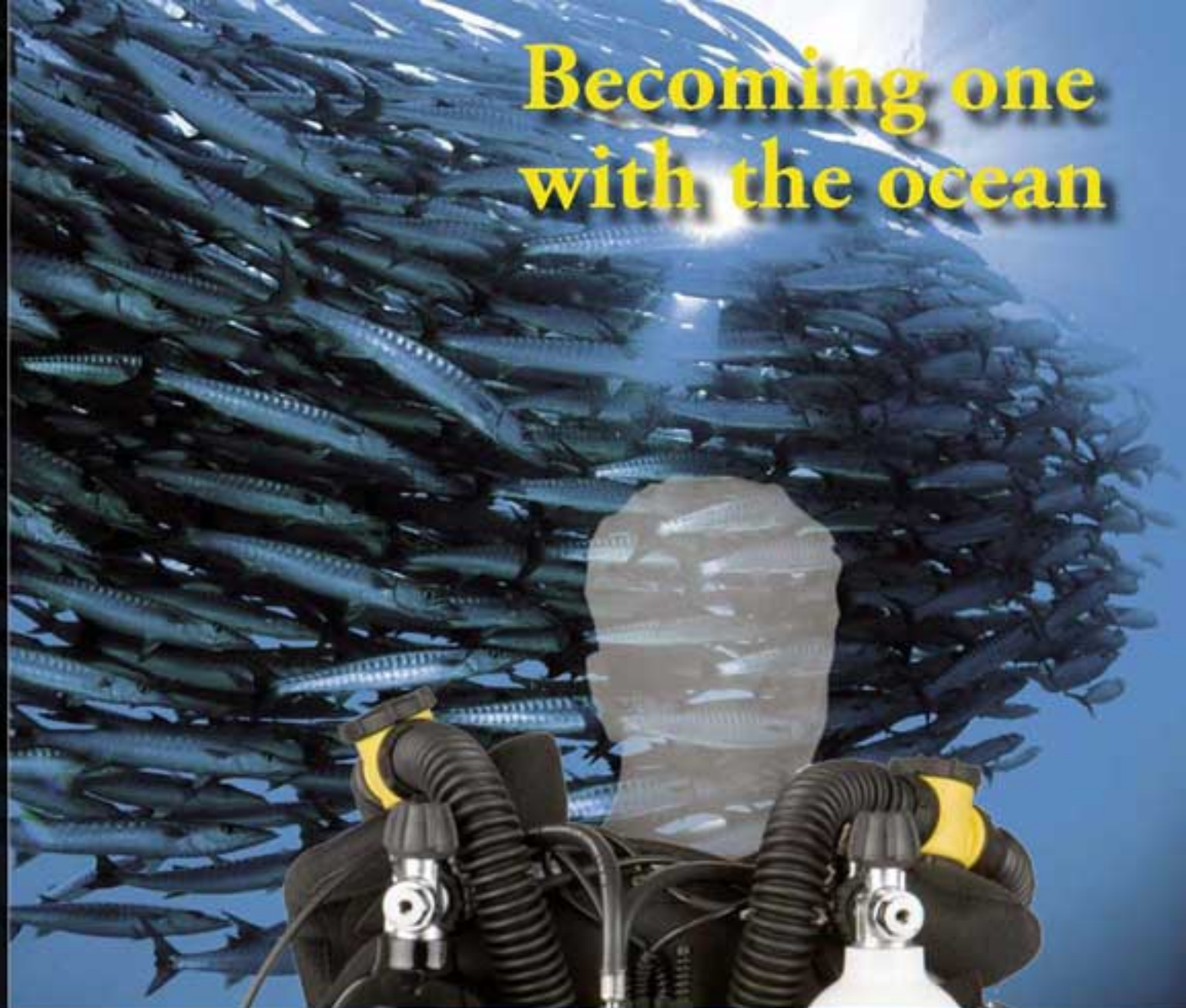
2 Galvanic cells, Automatic calibration, continuous analysis

Languages: English

Rebreather Operating Temperature Range:

+4°C to +32°C

# Becoming one with the ocean



ALL UNDERWATER IMAGES - PETER STAMES

POSEIDON DIVING SYSTEMS

P.O. Box 8050

SE-421 08 Västra Frölunda

Sweden

Phone: +46 (0)31 734 29 00

[www.poseidon.se](http://www.poseidon.se)

