2018

Who we are?

We are a team of young, smart and open minded people, focused on innovations and new ideas. Our common passion helps us to create devices that will make Your aquarium to look even more beautiful and natural. Animals will have ideal conditions provided and You can fully enjoy your hobby.

Today, after 7 years of presence on the market you can find in our offer devices, for comprehensive service of marine aquarium. Lamps, filters, protein skimmers, algae reactors, advanced dosing stations and many other innovative products, that sets trends and directions of development of the aquatic industry.

99% of our products are proudly made in Poland, from superior materials to meet the highest quality standards.

We are constantly expanding our passion, we've got a lot of great ideas and we are pretty confident that Pacific Sun will surprise you with innovative products and services, on many occasions in the future.

Przemyslaw Cybulski
President and CEO of Pacific Sun EU

Why Pacific Sun?

1

First of all – our products are smart, advanced, made to the highest quality and presents new approach to aquarium care. We are setting new trends that requires fresh look on problems that aquarists have to deal with.

2

Secondly - we have great ideas! We were the first company on the market, to introduce Hybrid lamps... unique combination of T5's and LED lights, that makes almost ideal source of light for every reef aquarium.

In January 2010 Deimos lamp has been released and quickly became our best seller, providing aquarists all over the world with great source of light and beautiful shimmering effect.

3

Thirdly – we really take pleasure of work! Our solutions are created by two passions... Passion for coral reefs and for modern technology. We offer our users the features that until now were reserved only for other segments of the market.

Our company has been first on the market, to propose transmitting the signal from computer to our devices using wireless technology. With our unique applications (Windows/Mac/Android) you can configure our devices to conform your needs.

4

Last but not least...we have a great service! We are listening to our customers and each one is treated individually!

Pacific Sun began operating in 2009, offering customers LED lighting. Just after six month on the market, Pacific Sun **BT EX modular LED light** won the ReefBuilders Readers Choice for Best product in the "Main Lighting" category!

Pacific Sun

Althea T5

A totally new T5 fixture with ultra-efficient cooling and Wi-Fi on-board.
The Althea will guarantee your chosen tubes will work at 100% efficiency and even tell you when they need replacing!
Ultra efficient cooling via the inbuilt 120 mm low speed fans keep the ballasts and tubes working at optimal performance.
Silicone spacers are utilized on the fans to eliminate vibration and aid super quiet operation.
The Althea features parabolic reflectors with anti-bending shield mounts delivering maximum PAR output, satisfying even the most demanding reef keeper!
The first wireless (Wi-Fi) T5 fixture on the market.

Available models:
– Althea 6x24W T5 – 360x600 mm,
– Althea 6x39W T5 – 360x900 mm,
– Althea 6x54W T5 – 360x1200 mm,
– Althea 6x80W T5 – 360x1500 mm,
– Althea 8x24W T5 – 460x600 mm,
– Althea 8x39W T5 – 460x900 mm,
– Althea 8x54W T5 – 460x1200 mm,
– Althea 8x80W T5 – 460x1500 mm

Colour: Anthracite/Pearl White
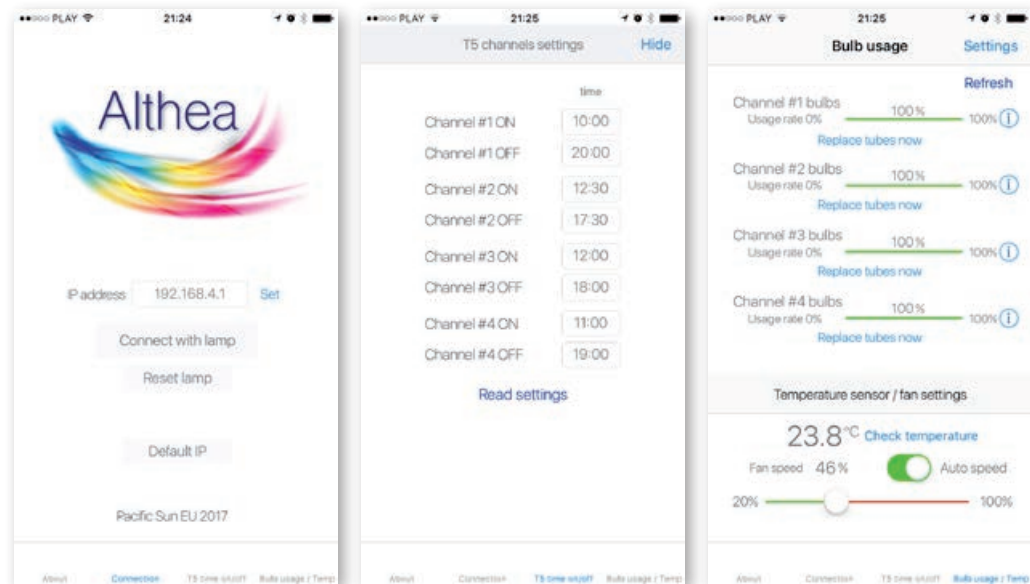
Diuna T5 – ultimate T5 bulb fixture

Pacific Sun's answer to T5 Reef Lighting, the Diuna offers build quality, features and control that the competition can't match.

Thanks to cooled electronic ballasts and high-quality reflectors (anodized aluminum - 99% reflected light)
offers unprecedented power and performance and amazing control using builtin wireless computer.

Available models:
– the warranty of the highest efficiency – actively cooled ballasts
– 8(10) x 39W , 8(10) x 54W, 8(10) x 80W
   For very wide aquariums – Diuna EX - 14x39W, 14x54W, 14x80W T5
– control of each pair of fluorescent tube separately
– built-in Wireless Controller (Bluetooth)
– high quality anodized(silver coated) aluminum reflectors with 99.8% reflectivity
– integrated moonlight with special aspherical lens(and full moonphase simulations)
– fan-cooled electronic ballast and cooled T5 tubes(with digital temperature sensor)
– Wireless control via PC/Mac, Android
– software allows for control of each pair of T5s separately
– "Lamp Life Indicator" for efficient bulb replacement

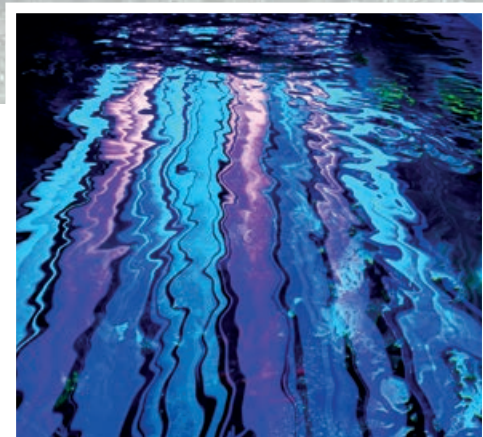Available colors: pearl white/anthracite
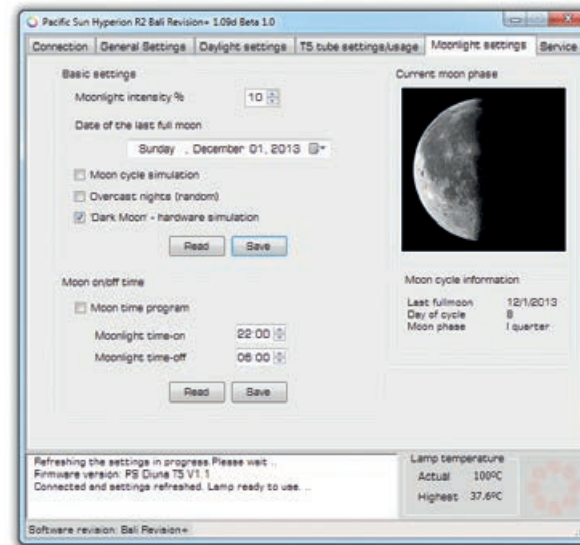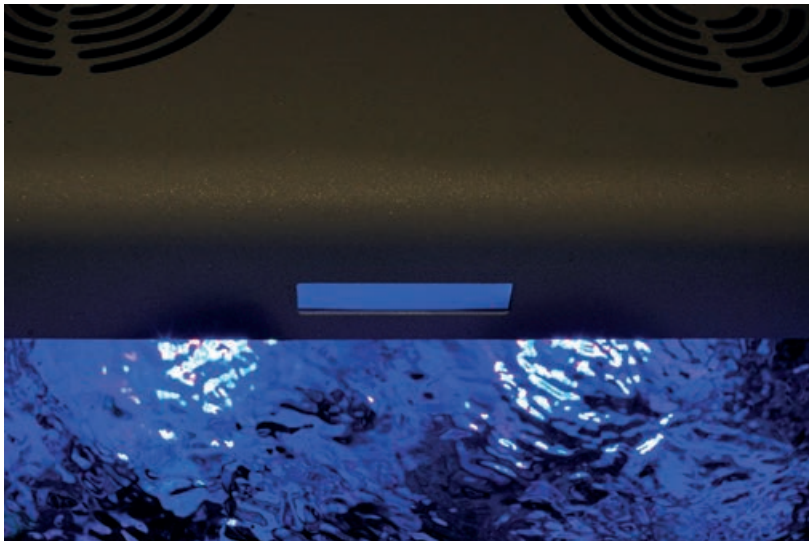


Dedicated application for control under:

Wirelessly programmed:

Crystal Blue T5

The Crystal Blue T5 tube combines the properties of a blue tube (approximately 460nm) with an actinic tube (approximately 420nm), producing an intense blue light with high PAR numbers and a light spectrum that encourages both bluing and fluorescence in SPS corals. Delivers an intense blue light with the properties of a blue tube and an actinic tube.The unique spectrum enhances the vibrant blue colours of your corals.
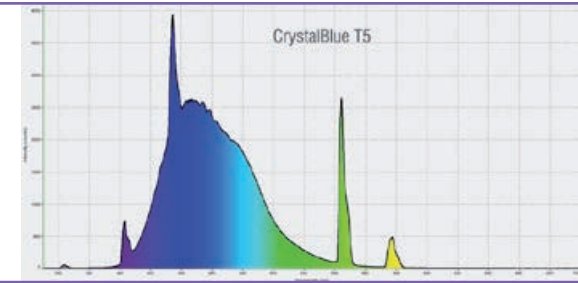
Spectra+ 19.500K

The Spectra+ T5 tube combines the properties of a Crystal Blue, Shallow Water and Pigment+ tube producing a tube with unique crisp white colour with hints of red and blue and uv colour.. The higher blue component compared to an Shallow Water T5 tube produces better fluorescence in corals and the red component is excellent for colour rendition. Average color temperature is about 19.500K
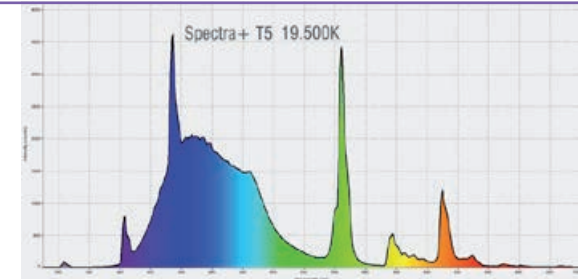
Shallow Water 18.000K

Shallow Water T5 HO tube have average color temperature about 18.000K.This tube is white to the human eye, combines the properties of a full-spectrum tube with an elevated blue and uv colour peak. Tube combines the phosphors of a Blue Plus tube with a 10000k full-spectrum daylight. Great as a standalone bulb.
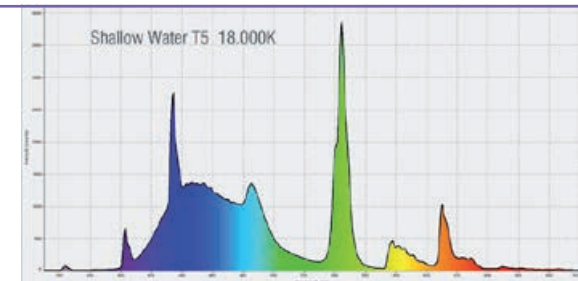
Pigment INT+

This tube combines the properties of a full-spectrum tube with strong red and blue components, producing a tube with excellent colour rendition that works very well to bring out pinks, purples and reds in an aquarium.
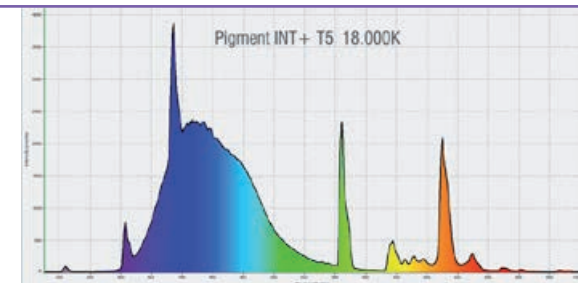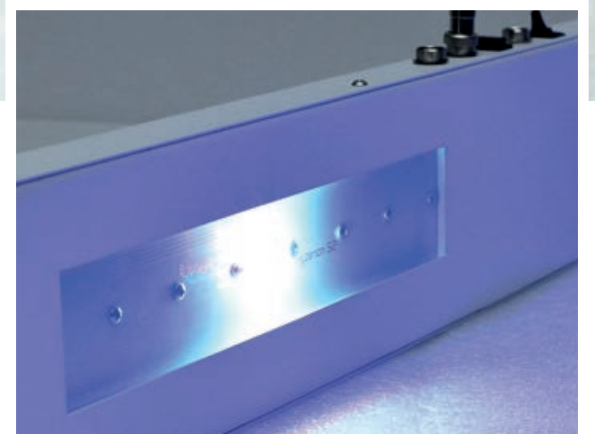
Metis Hyperion S/R2+

8 channel, wireless control LED lamp

Metis Hyperion offers unprecedented opportunities for controlling light (power, color, PAR), the remote management the lamp and an attractive price. LED panels use the latest and most powerful Cree and Philips LED's – Cree XTE white(Hyperion R2+) and XT-E (Royal Blue 450nm and 465nm), Green, Orange and Red. Additional UV channel increase corals pigmentation.

Main difference between models:

Lamps with Hyperion R2+ panels – default spectrum designed for mixed(soft, LPS and some SPS corals) reef tanks
Lamps with Hyperion S/S2 panels – designed for typical hard corals dominated aquariums(higher color temperature than Hyperion R2+).

Size/power and coverage area:

Models with 135W LED panels:
- Metis Hyperion R2+ 2x135W / Metis Hyperion S 2x145W – 850mm – cover area up to 125x70x70 cm
- Metis Hyperion R2+ 3x135W / Metis Hyperion S 3x145W –1250mm – cover area up to 165x70x70 cm
- Metis Hyperion R2+ 4x135W / Metis Hyperion S 4x145W –1650mm – cover area up to 225x70x70 cm

8-channel control(Hyperion R2+)/9-channel control(Hyperion S) of color and intensity, 14-channel capable. Available in colors: pearlwhite/anthracit
Metis Hyperion lamps has been designed as a pendant lamp for open aquariums. It must not be used in enclosed aquariums below the canopy.

General Specifications:

- Size: 850x130x50mm (two LED panels); 1250x130x50 mm (three LED panels); 1650x130x50 mm (four LED panels)
- 8/9 independent LED channels
- Built-in light controller that can be accessed wirelessly via bluetooth. The fixture also includes a backlit blue LCD Display. Users can simulate sunrise/sunset, clouds, weather special programs, etc.
- Supported software: Win 7/Xp/8/10, Mac OS X, Android
- External control (PWM or 1-10V signal - option)
- "Ultra Quiet" 80mm fans controlled by digital temperature sensor(one for each LED panel).
- Mounting: Two rope Hanging kits or Pacific Sun "Spider" mount

Square Matrix Technology

This is the first lamp on the market that offers the ability to control up to 8 channels of LEDs independently* – which gives unparalleled opportunities to shape characteristics of the light spectrum.
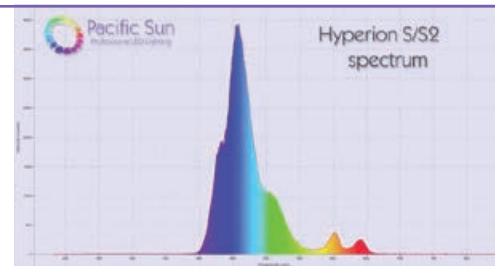
Dedicated application for control under:

Wirelessly programmed:

Pandora Hyperion S/R2+

Pandora Hyperion S/R2+ are combination LED + T5 hybrid lamp bringing the best of both light sources together. It is equipped with our newest Hyperion S/R2+ LED panels made in SMT technology (all leds are placed very close together for best color mixing). "Hyperion S" stands for shallow as the new LED panels gives off a remarkable turquoise blue color replicating the tropical sun shimmering in the shallow reefs of Bali. Dedicated for hard corals dominated aquariums. "Hyperion R2+" – designed for mixed reef tanks with soft/LPS and SPS corals. Pandora Hyperion S/R2+ lamps can easily penetrate water over 36" deep.

Pandora Hyperion S/R2+ are available in 4 sizes covering a wide range of tanks. SMT (Square Matrix Technology) provides the perfect mix of colors all LED channels and an extraordinary visual experience – very strong shimmer at the bottom of the aquarium comparable to metal halide. Pacific Sun lamp has been designed as a pendant lamp for open aquariums.
It must not be used in enclosed aquariums below the canopy.

Features
- Stainless steel construction
- Fully wireless control
- On-board LCD blue-back lit LCD display
- Silent variable speed cooling fans (2 per LED panel) - speed controled by internal digital temperature sensor
- Modular, full upgradable, solder-less internal construction (LED panels, drivers, computer and fans)

Size/power and coverage area

Models with 145W LED panels made in SMT technology:
- Pandora Hyperion S 2x145W(R2+ 2x135W) + 4x39W T5 - cover area up to 125x80x90cm
- Pandora Hyperion S 3x145W(R2+ 3x135W) + 4x54W T5 - cover area up to 165x80x90cm
- Pandora Hyperion S 4x145W(R2+ 4x145W) + 4x80W T5 - cover area up to 225x80x90cm

Models with Hyperion S2 75W LED panels made in SMT technology:
- Pandora Hyperion S 75W + 2x24W T5 - cover area up to 100x80x70cm
- Pandora Hyperion S 2x75W + 4x39W T5 - cover area up to 125x80x70cm
- Pandora Hyperion S 3x75W + 4x54W T5 - cover area up to 165x80x70cm
- Pandora Hyperion S 4x75W + 4x80W T5 - cover area up to 225x80x70cm

Models Pandora Hyperion S with 8pcs T5 tubes:
- Pandora Hyperion S 75W + 8x24W T5 - cover area up to 100x100x80cm
- Pandora Hyperion S 2x75W + 8x39W T5 - cover area up to 125x100x80cm
- Pandora Hyperion S 3x75W + 8x54W T5 - cover area up to 165x100x80cm

Available in colors: pearl white(default) and anthracit.

Comparison of different hybrid lamps (3x75W + 8x54W T5)

Manufacturer	other popular brand	Pacific Sun
Country of origin	Germany	Poland
Warranty (years):	2	3 LEDs / 2 other
LED panels section		
Dimmable LED panels	Yes (0-100%)	
LED matrix power	75W	
Secondary optic:	No, reflectors	No
LED matrix channels/colors	4 channels 4 colors	9 channels 10 colors
"U\T leds (close to 400nm)	No	Yes – 400nm and 420nm
T5 section		
T5 channels (separate control)	2	4
Dimmable T5	Yes	No
Active cooled T5 ballasts	Yes	
Individual reflectors	yes, parabolic	
Material of reflectors	Alanod – Miro-Silver 27	
T5 tube set included in price	Yes	
Control Section		
Cable/Wireless	Cable	Wireless
External controller	Yes	No
Internal controller	No	Yes
Built LCD	into controller	into lamp
Windows App	Yes. USB cable	Yes. wireless
Mac OS X app	No	Yes
Android app	No	Yes
Moonlight	Yes	Yes
Moonphases cycle	No	Yes

Dedicated application for control under: Wirelessly programmed:

Pacific Sun TRITON R2+

9 channel (Triton S)/8 channel (Triton R2+) modular wireless control LED lamp

Triton S/R2+ are the latest generation of modular lamp based on proven and very popular model - Triton R2. It is equipped with our newest Triton S LED panels(for hard corals aquariums) or Triton R2+(for mixed reef aquariums) made in SMT technology(clustered LED panel). "Triton S" stands for shallow as the new LED panels gives off a re-markable turquoise blue color replicating the tropical sun shimmering in the shallow reefs of Bali. "S" are dedicated for hard corals dominated aquariums. "Triton R2+" - designed for mixed reef tanks with soft/LPS and SPS corals.

Triton lamps can easily penetrate water over 90 cm (36") deep.

SMT (Square Matrix Technology) provides the perfect mix of colors all LED channels and an extraordinary visual experience – very strong shimmer at the bottom of the aquarium comparable to metal halide. Pacific Sun lamp has been designed as a pendant lamp for open aquari-ums. It must not be used in enclosed aquariums below the canopy.

Size/power and coverage area
Models with 145W LED panels made in SMT technology (more info about SMT – Hyperion SMT LED panels now available!):
- Triton S 145W/R2+ 135W – Master – cover area up to 85x70cm for each unit(builtin wireless computer, can control up to 99 Slave units)
- Triton S 145W/R2+ 135W – Slave – cover area up to 85x70cm for each unit

General Specifications
- Size: 380x190x60mm
- 8 (Triton R2+)/9 (Triton S) independent LED channels
- LED panels - maximum power(electronic + led panels) - 145W
- Light coverage: up to 70cmx70cm for single unit
- Built-in light controller that can be accessed wirelessly via bluetooth.
  The fixture also includes a backlit blue LCD Display.
  Users can simulate sunrise/sunset, clouds, weather special programs, etc.
- Supported software: Win 7/Xp/8/10, Mac OS X, Android
- External control (PWM or 1-10V signal - optional)
- "Ultra Quiet" 120mm fans controlled by digital temperature temperature sensor.
- Mounting: Hanging kits or Pacific Sun "Spider" mount
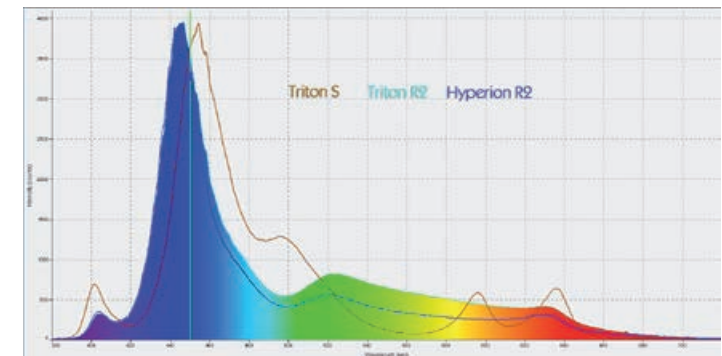
Dedicated application for control under: Wirelessly programmed:

Splash-proofed LED-spotlight Kryos 200W/300W

The lights are equipped with 200W/300W led matrix including CREE leds (5 different colours)

The light beam is bundled with a lense to 90°. The luminous flux of the 200W light is 20.000 lumen and of the 300W light 28.000 lumen. These lights could replace metal halogen damp lights from 400W respectively from 1000W.

Kryos have built-in wireless/cable controller which allow simulate sunrise/sunsets and moonlights.

Lamp include Meanwell power supplies which can be also dimmed with a PWM signal.

The Kryos will be cooled passive over a massive corrosion resistant aluminium cooling element.

It can be hang up on the central loop with a chain or attached with a holder out of polished stainless steel on the ceiling.

Then you can adjust the angle.

Dedicated application for control under:

Windows   Mac

Wirelessly programmed:

Bluetooth   WiFi

Kore 5th/7th – 5/7 channel dosing station + ATO

Kore 5th/7th is the newest and most advanced doser from Pacific Sun. It is a completely wireless, 5/7 channel doser with optional integrated ATO (auto top off), automatic water change and temp sensor, 2xpH electrode ports and KH lab. Our control software allows users to not only connect to the doser wirelessly via Bluetooth or WI-FI, but also to set precise dosing schedules for any number of supplements or elements. Kore 5th/7th gives users the ultimate control of dosing almost anything your reef may need!
Additional equipment such as DC AWC pumps (pumps set for automatic water change), dedicated Magnetic Stirrer or KH lab make this station the ultimate solution for all advanced aquarium reefers!

The Kore 5th features:

- Five quiet and accuracy dosing pumps with adjustable flow
- Three modes: Fast flow, moderate flow, and precise flow allow for single dose 0.01ml (one water drop is about 0.04ml)
- Single dose from 0.01ml to 6500ml - up to 144 doses/day!
- Wirelessly controlled built-in
- Different tubing for fast flow (up to 80ml/min) and precise dosing (20ml/min precision flow rate)
- Ability to assign labels for each pump (for example: calcium, alk, trace elements, vodka, etc.)
- Alarm for low-level dosing fluid (and indicator of remaining fluid)
- Alarm to instruct user to replace peristaltic tubing
- Precision pump calibration program
- Optical sensor for water level measure
- Alarm for refill malfunction

- Built-in ATO (automatic top-off) system with 300l/h, 2m head DC pump (adjustable speed) INCLUDED. The remote ATO/pump connects to the rear panel of the dosing unit.
- Temperature sensor (0.1 degree accuracy) with audible alarm for high and low temperature (customizable)
- Blue back-lit LCD display
- Battery back-up - Clock and the user settings are saved if power is interrupted.
- Single AC/DC power adapter
- Uses high quality PharMed®/Viton/Silicone tubing in each pump head with different ID diameter
- Long motor life
- Quiet "non-gearbox" operation
- Spare parts are readily available.
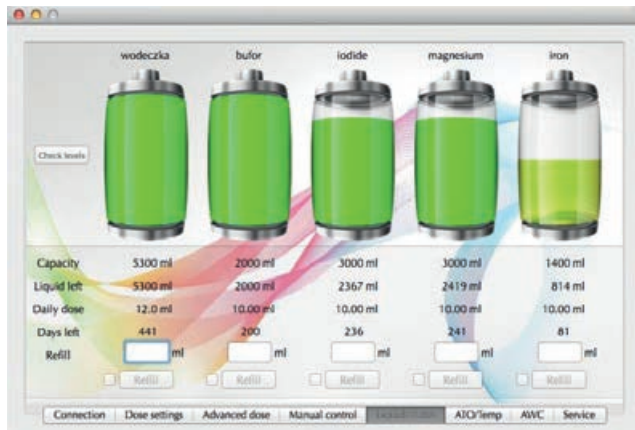
	Base	Regular	Pro	Ultimate
Main unit – 5chanel doser	x	x	x	x
Power supply(UK/EU/USA)	x	x	x	x
Acrylic tubing holder	x	x	x	x
10m connection silicon tube	x	x	x	x
Digital temperature sensor		x	x	x
DC pump for water refill (ATO)		x	x	x
Calibration set(cylinders etc)		x	x	x
1ml and 5ml syringes		x	x	x
Pharmed BPT tubings (5pcs)			x	x
Optical water sensor (ATO)		x	x	x
DropDose dispenser				x
Doser acrylic mount (TOP)				x
Bottle holder (BOTTOM)				x
DC AWC pumps set				x
Magnetic stirrer – 5 channels	optional, available separately			

Dedicated application for control under:

Windows   Mac

Wirelessly programmed:

Bluetooth™   Wi-Fi

Sentry ATO

Sentry ATO is the new system created by Pacific Sun for the automatic control of the water level in your aquarium.

Sentry allows the water level of your aquarium to be topped up automatically.

Sentry is an intuitive, user-friendly system, equipped with a sensor for checking the water level and a power supply socket for a top-up pump or solenoid valve.

This compact device is easily concealed, and can in fact be hung inside the aquarium cabinet.(using mount holes or included acrylic holder).

Content of the box
- Sentry main device
- Optical sensor with adjustable acrylic holder
- DC pump with tubin and small tubing holder / Solenoid Valve with 5m cable and plug
- Instructions(This Easy Setup Guide)

How the system works?
- The optical sensor of the Sentry system accurately monitors the water level of the sump or aquarium, maintaining it above center of acrylic cone(optical sensor).
- When the water level falls below optical sensor, the system tops up to previous level (refill time can be set by configure button and default is 5s).
- This procedure wil be repeated 20 times. If after 20 cycle water level will not back to "normal" level – audible alarm will on and DC pump/Solenoid.Valve will turn off.

SPARE PARTS/ELEMENTS FOR KORE 5TH / SENTRY ATO

Solenoid valve for Kore 5th/Sentry ATO

Pharmed BPT fast flow tubing – for 1 pump set

Fluoroelastomer fast flow tubing – for 1 pump set

Silicone precise flow tubing – for 1 pump set

Optical sensor for Kore 5th Pro version , 2m cable + plug

Tubing holder (5 tubes + refill pump)

Digital temperature sensor , 2m cable + plug

DC refill pump, 250l/h, 2m head, 2m cable + plug

Connection tubings (m)

DC refill pump tubing (5/7mm) AT

Plastic pump head with rollers

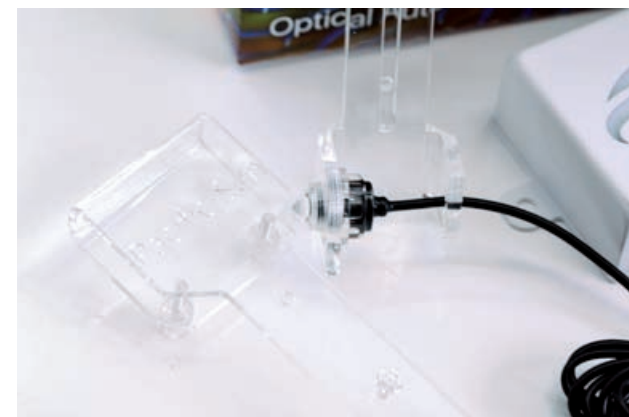Motor block for dosing pump

Other equipment/accesories

Hanging kits for Pandora/Diuna/Althea/Metis/Triton

DSC – HDMI digital signal cable for Triton Slave unit – 1.5m

Power Supply for LED lamps (160W FSP/160W Meanwell)

Power Supply for LED lamps (220W FSP/220W Meanwell)

Set of fans for Pandora/Metis lamp (2pcs)

KH Lab

The KH Lab alkalinity controller including the Kore 5th/7th self-contained dosing pump enables continuous monitoring of water hardness in the hobby aquarium and maintaining such parameter at constant level which is relatively important for development of anthozoan.

The KH Lab was designed for professional aquarists, however easiness of its maintenance and an affordable price allows application of the equipment by non-professionals.

Measurements are carried out automatically and the equipment operational status including its measurement results may be controlled via display on the Kore 5th/7th doser or from the application level.

The KH Lab ensures laboratory accuracy and measurement repeatability. Functional accuracy is 0.1 dKH, while measurement accuracy is 0.03 dKH.

Due to application of the KH Lab alkalinity controller including the Kore 5th/7th self-contained dosing pump, maintenance of aquarium parameters has never been so easy!
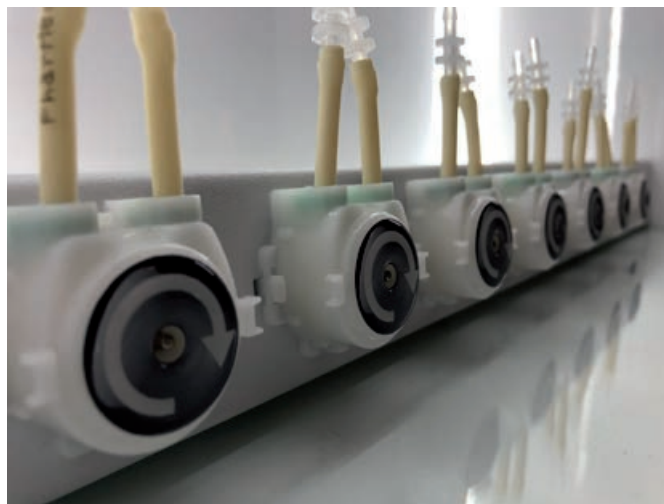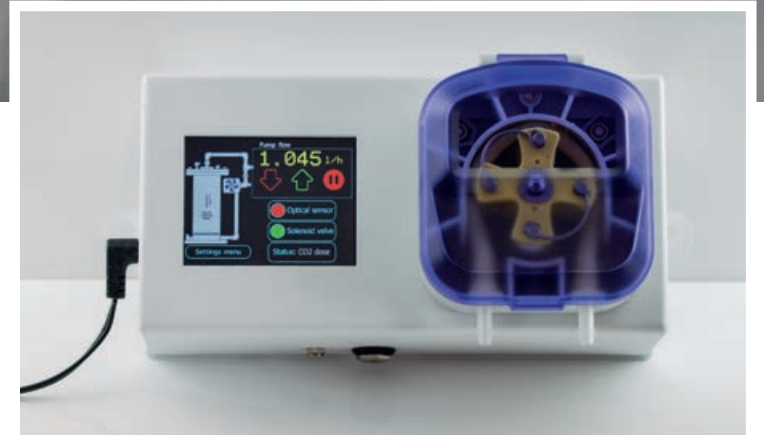
CalcFeeder

CalcFeeder is a fully autonomous and independent system that maintains ideal levels of calcium/carbonate hardness (and other macronutrients) in saltwater aquariums.

How it works?

When the alkalinity in your aquarium drops – you need to increase flow through reactor (on the touchscreen of the controller).
When the alkalinity is too high – you need to set a smaller flow on the controller.
That's all! It's very easy to understand for both beginners and advanced aquarists.
The device automatically regulates the proper amount of carbon dioxide which needs to be dissolved in water and keeps pH in the reactor at a proper level, allowing to dissolve media inside the calcium reactor.

Carbon dioxide (CO_2) control – how is it done?

Pacific Sun is the first company to use optical sensors to control/measure CO_2 levels in the reaction chamber. By using the latest generation of optical sensor with four active photo-LEDs, this guarantees the precise dosing of CO_2 and stable effluent parameters.

The special design of the reaction column ensures effective saturation of CO_2 in the water.

The CalcFeeder features excellent quality German pumps manufactured by AquaBee.

The CalcFeeder is made from the highest quality materials (100% pure acrylic) and uses silicone gaskets, guaranteeing easy operation for many years..

This set does not include:
– Feeding Pump unless purchasing the Pro Version
– Carbon dioxide bottle and pressure regulator
– Reactor media (Hydro carbonate, coral gravel etc)
– Degassing column DC-1/DC-2 only necessary if needed
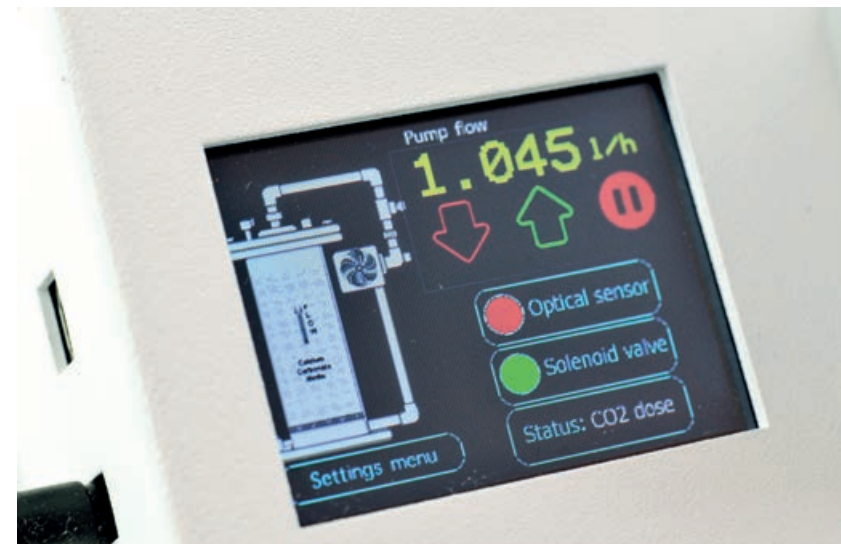
|	AC1	AC2	AC3	AC4
For aquarium up to	800 l	1400 l	2500 l	4000 l
Media reactor volume (l/kg)	7/7	12/12	20/20	29/29
Size (WxDxH mm)	358x310x550	394x334x550	525x373x580	545x380x580

CALCFEEDER PRO CONTROLER

Controller unit as featured in the CalcFeeder PRO reactor models – can be used as a very precise standalone feeding pump for any brand of Calcium reactor.

Include ultra-precise step motor pump with 4 rollers. Built-in LCD touch screen allowing easy flow adjustment. Firmware updates can be done by internal USB port.

Internal speaker to provide user feedback such as empty CO_2 bottle etc.

Pump flow: 100ml to 7200ml/hour with 25ml step adjustment.
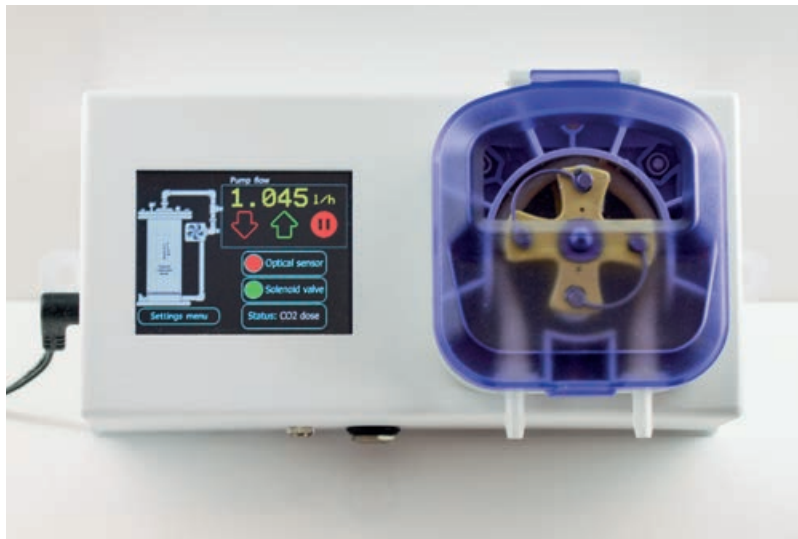
DEGASSING CHAMBER
FOR CALCFEEDER REACTORS

Using an additional degassing column (model DC-1 / 2.5l volume or DC-2 / 7.0l volume) increases the efficiency of the reactor and raises the pH level in the reactor effluent.

Includes sponge/foam pads for small size media.

DC-1 – capacity 2.5l
Size: 110x110x550 mm

DC-2 – capacity 7.0l
Size: 170x170x550 mm

IBR CALCIUM REACTOR WITH INTERNAL BYPASS

IBR calcium reactors offer quality, innovative design and affordability providing an excellent proposition for any marine aquarist.

The IBR Series offers a self-contained solution for supplying the reactor with aquarium water, and a valve for adjusting the amount of effluent.

The IBR Calcium Reactors are made from high quality acrylic and are powered by high quality German AquaBee pumps.

The reactor lid features space to mount a pH electrode.

All products feature a two-year full warranty.
Made in Poland, Europe.

Available models:
IBR-150 – Ø150mm, total height 56cm. Media capacity: 7.0 litres.
Foot print: 290x280mm.Pump power: 10W. For aquariums up to 800 litres.
IBR-200 – Ø200mm, total height 56cm. Media capacity: 12.5 litres.
Foot print: 320x340mm.Pump power: 10W. For aquariums up to 1200 litres.
IBR-250 – Ø250mm, total height 56cm. Media capacity: 19.0 litres.
Foot print: 380x380mm. Pump power: 10W. For aquariums up to 2000 litres.

All IBR models can be used inside or outside of the sump.

Algae Reactor

Calcium Reactor

AR PRO M-size
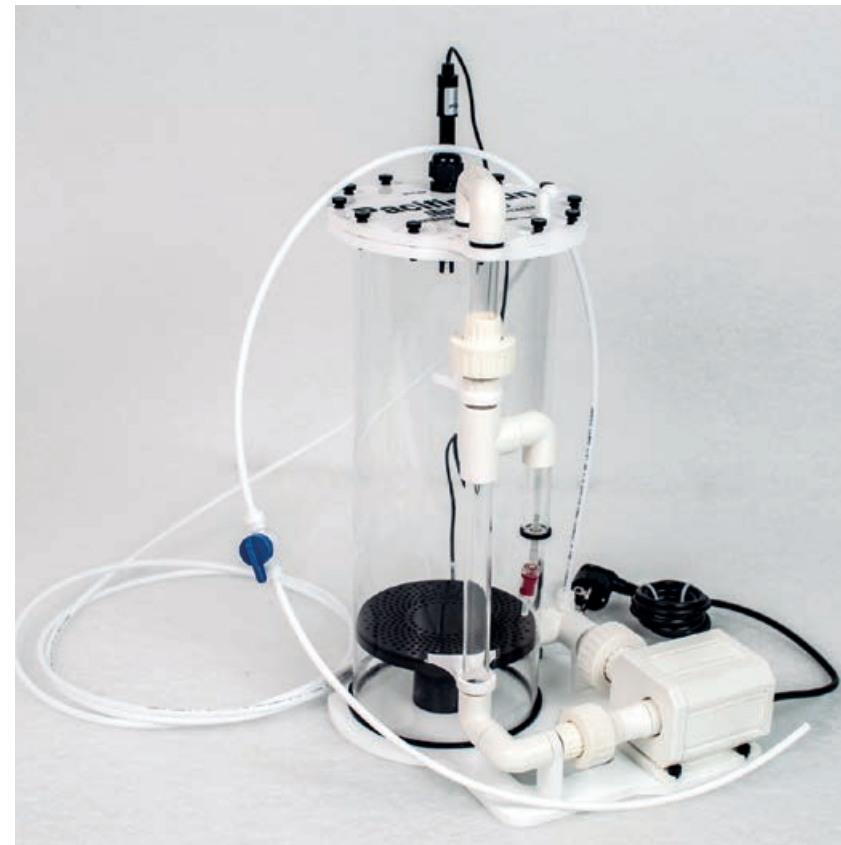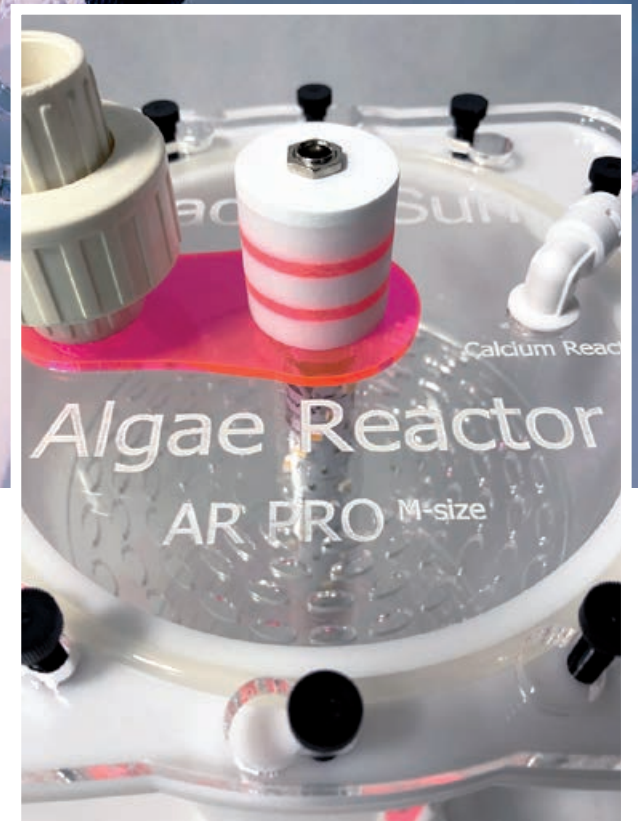
AR-PRO Series algae reactor

A simple and effective natural nutrient control method that helps pro-
mote a healthy and thriving reef tank!

The AR-Pro series incorporates a unique design that allows macro
algae such as Chaetomorpha to grow with high yields, leading to the
effective nutrient export of unwanted nitrates and phosphates.

In addition to nutrient control, the use of the AR-PRO algae reactor
provides other benefits such as the consumption of excess CO_2 and
elevation of oxygen levels in the aquarium.

Key factors:
– NO_3 reduction
– Dissolved Organics reduction
– Carbon dioxide reduction
– Increased Oxygen levels
– Increased and stabilized pH
– Increased Redox levels
– Improved water quality
– Speed ups corals calcification
– Helps create healthy natural conditions for all aquarium inhabitants
– Replaces other methods of nutrient control such as Carbon Dosing
   and Bio-Pellets with a natural solution.

	S	M	L
System size (l)	100-500	500-1000	1000-2000
Recommended flow rate (l/h)	600-1000	1000-1500	1500-2000
Body material	High Quality Cast Acrylic		
Dimensions (mm)	150x150x450	200x200x500	250x250x550
Hose Inlet/Outlet	20 mm		
Flow Pattern	bottom up		
Light Type	green plant grow leds		
Power consumption (W)	18,8	23,5	25,8

Media Reactors

Outstanding built quality, made from cast acrylic sheets and pipes.
Smooth edges cutted by lasers, engraved top covers.

Easy/quick openning, foam for very small media (like resin).
Perfect for: carbon, GFO, pellets, resin and all other media(like Siporax,
sponge, nitrate removerts etc)

Basic series: 90xx – made with 90mm diameter tube, perfect for private use

Professional series: 150xxx,30xxx – designed for large public aquariums
– with included digital flowmeters(touchscreen with sound alarm
for flow below adjusted minimum etc).

CO$_2$ SCRUBBER
A CARBON DIOXIDE REMOVING FILTER

CO$_2$ is by far the number one cause of low pH in household aquariums. Ambient CO$_2$ can vary from building to building and, depending on your location, it may not be practical to keep your windows open or draw fresh air from outside into the skimmer.

Relocating your protein skimmer's air intake from the silencer over to the CO$_2$ scrubber can actually increase your tank's pH by a couple of points. Depending on the amount of ambient CO$_2$ in the room, it is not uncommon for tanks to rise from 7.8 pH to 8.3 pH within a couple days, but results can vary.

SIMPLY SUMP – AQUARIUM ACRYLIC SUMP

The most diverse and technically engineered life support system the aquarium industry has ever offered.

All sumps come compete with a top bracing bar which are made from one solid piece of material.Without this the sump over time will begin to bow out from the humidity and water pressure.

Simply Sump 60– size 600x380x380mm. Two filtration sockets, skimmer chamber 35x22cm. Bubble trap chamber, return pump chamber. ATO chamber. Dosing tube holder (5x) and electrode holder (4 regular size, 1pcs bigger for temp sensor). Media reactor included.

Simply Sump 80– size 800x400x380mm. Two filtration sockets, skimmer chamber 38x25cm. Bubble trap chamber, return pump chamber. ATO chamber. Dosing tube holder (5x) and electrode holder (4 regular size, 1pcs bigger for temp sensor). Media reactor included.

Simply Sump 100– size 1000x400x380mm. Two filtration sockets, skimmer chamber 38x30cm. Bubble trap chamber, return pump chamber. ATO chamber. Dosing tube holder (5x) and electrode holder (4 regular size, 1pcs bigger for temp sensor). Media reactor included.
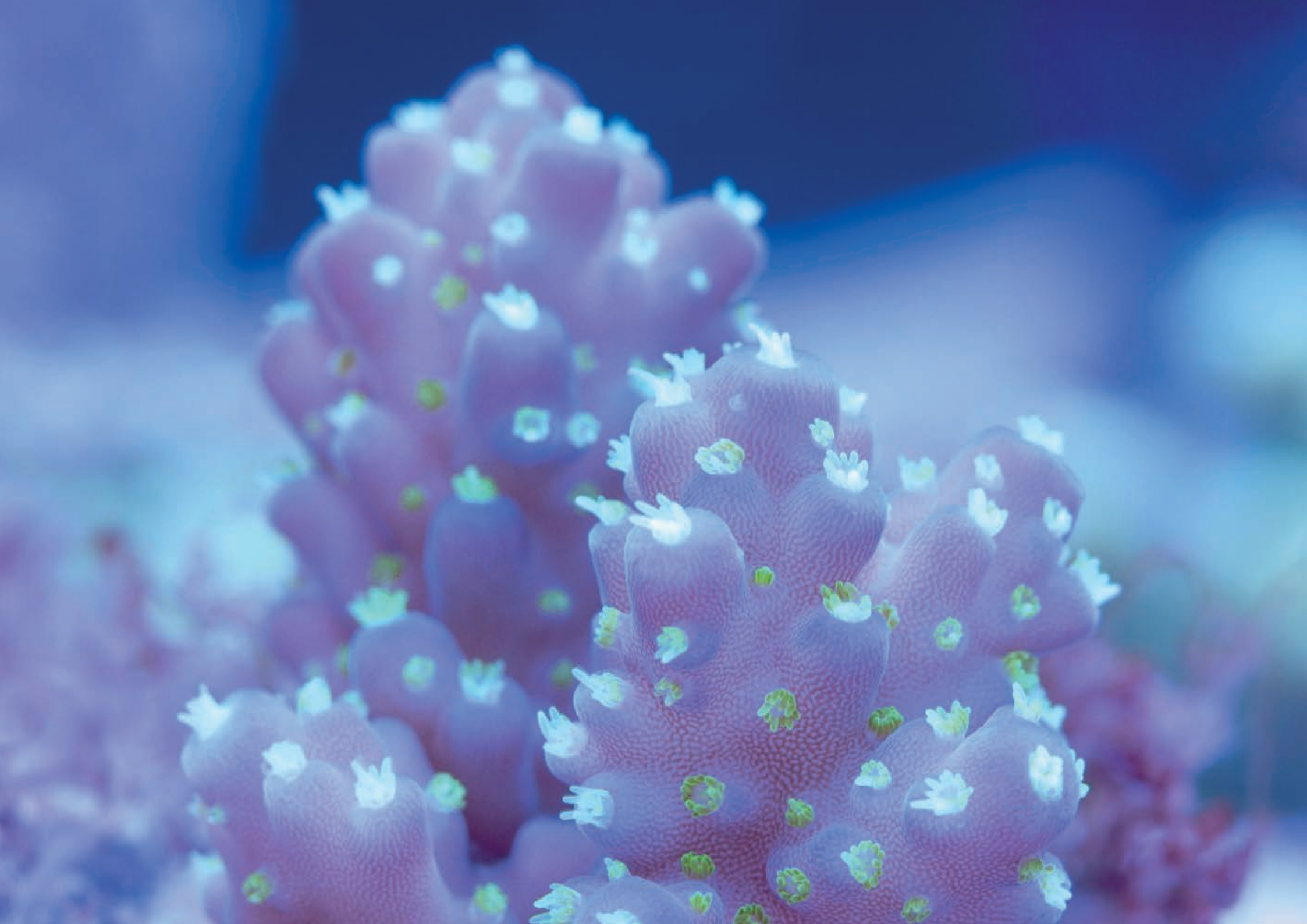
Skimmer and ATO Sentry unit available to buy separately.

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