






# Science for Your Protection



Product Catalog for Professionals



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# Introduction to Biogents AG

Biogents AG was founded in 2002 by Dr. Geier and Dr. Rose as a spin-off from the Institute of Zoology at the University of Regensburg, Germany. Over 16 years of thorough scientific research in the areas of insect behavior and mosquito olfactory senses led to the development of an innovative trapping technology.

Biogents AG is an innovative company on the forefront of mosquito control research. The company is composed of two complementary business units: the development and production of highly efficient mosquito traps and a contract research and development sector in the field of mosquito repellents and related products. Biogents traps are the latest innovation in mosquito control traps and incorporate patented technology.

Today, Biogents AG has developed various traps that can be used by **professional mosquito control companies** and **researchers** for monitoring and mass trapping.

## BG-Protector

The BG-Protector is a robust version of the BG-Pro developed for permanent outdoor use and the ideal tool for pest control companies. [eu.biogents.com/bg-protector](http://eu.biogents.com/bg-protector)

## BG-GAT

The passive and affordable BG-GAT trap specifically lures gravid *Aedes* mosquitoes and is ideal suited for mass trapping and monitoring in large-scale programs.

[eu.biogents.com/bg-gat](http://eu.biogents.com/bg-gat)

## BG-Counter 2

The BG-Counter 2 offers remote monitoring with automated mosquito counting from anywhere at any time with online software and analysis. [www.bg-counter.com](http://www.bg-counter.com)

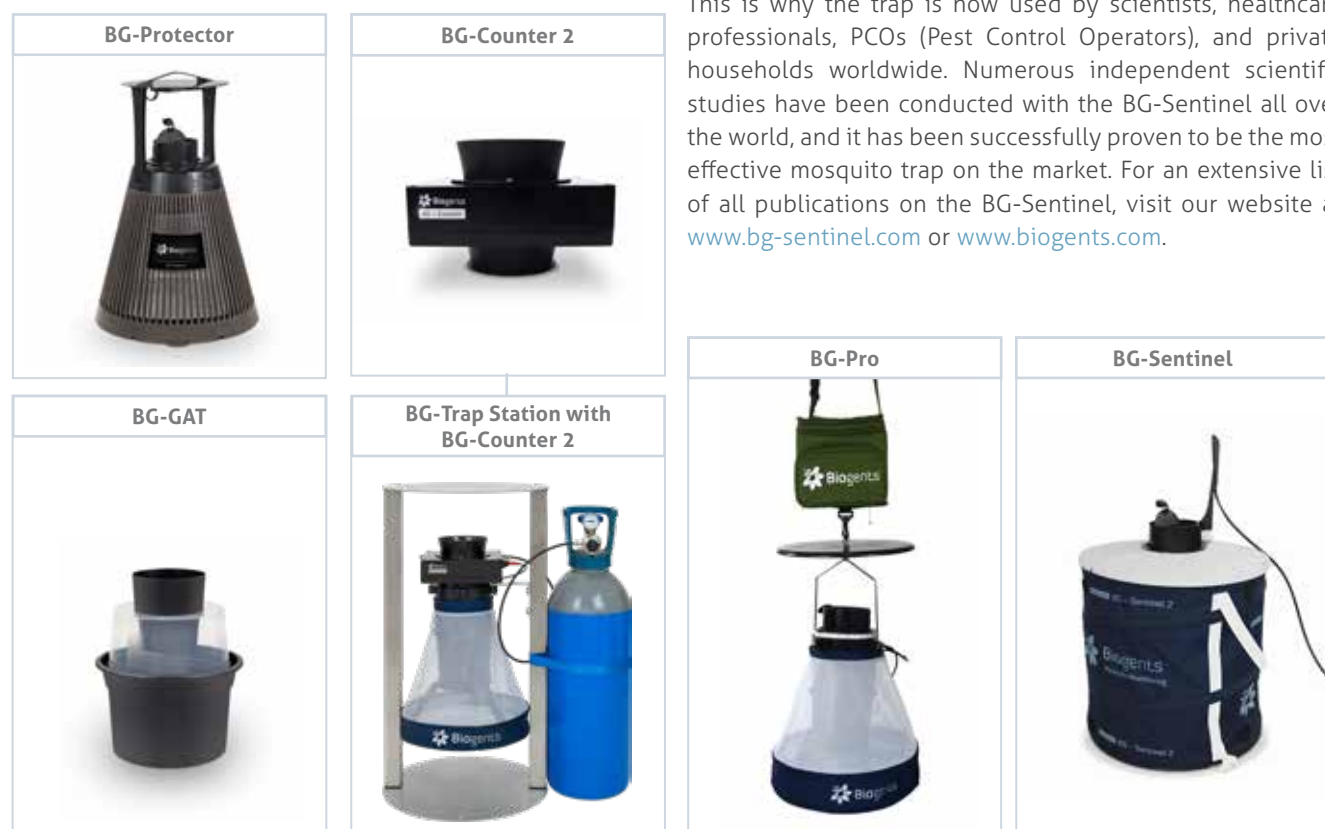
## BG-Pro

The suction trap "BG-Pro" offers the functions of the most widely used monitoring traps (EVS, CDC, and Sentinel) in one product while providing Biogents' patented technology, production quality, and design expertise. It is an ideal tool for researchers. In studies all over the world, the BG-Pro shows at least comparable performance to the original traps.






[eu.biogents.com/bg-pro](http://eu.biogents.com/bg-pro)

## The BG-Sentinel

Biogents world-renowned trap for researchers, the BG-Sentinel, was initially developed to enable researchers all over the world to monitor the yellow fever mosquito, also known as the dengue mosquito, *Aedes aegypti* and the Asian tiger mosquito *Aedes albopictus*. During its use on different continents, it became evident that the BG-Sentinel also catches other mosquito species and blood-sucking insects. This is why the trap is now used by scientists, healthcare professionals, PCOs (Pest Control Operators), and private households worldwide. Numerous independent scientific studies have been conducted with the BG-Sentinel all over the world, and it has been successfully proven to be the most effective mosquito trap on the market. For an extensive list of all publications on the BG-Sentinel, visit our website at [www.bg-sentinel.com](http://www.bg-sentinel.com) or [www.biogents.com](http://www.biogents.com).



# Choose your Trap

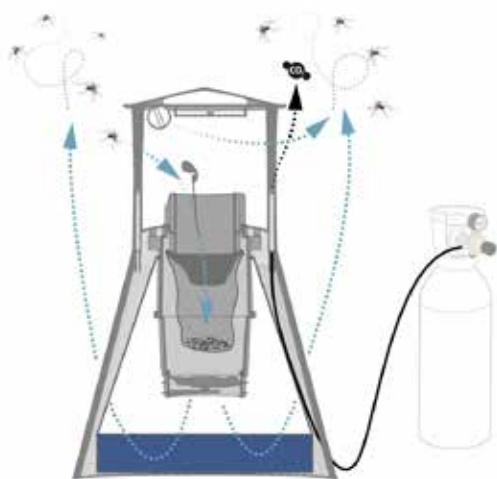
Model	BG-Protector	BG-Pro	BG-Sentinel	BG-GAT	BG-Counter 2
					
<b>Description</b>	Robust standing trap for PCO	Flexible trap with different design options: EVS-, CDC-, and Sentinel style	Original BG-Sentinel standing trap	Passive BG-GAT trap for gravid <i>Aedes</i> mosquitoes	Automated remote monitoring device
<b>Recommendation for use</b>	Mass trapping	Monitoring	Monitoring	Monitoring & mass trapping	Monitoring
<b>BG-Counter 2 compatible</b>		✓ when placed on the ground and used with the BG-Counter 12 V fan	✓		BG-Counter 2 comes with a BG-Pro (Counter version) and works ideally with a BG-Trap station
<b>Typical set-up</b>					
<b>Trap</b>	✓	✓	✓	✓	✓
<b>Attractant</b>	✓	✓	✓		
<b>LED light</b>		(✓)			
<b>Rainshield</b>	✓	(✓)			
<b>Catch bag</b>	✓	✓	✓	✓	
<b>Sticky cards</b>				✓	
<b>Features</b>					
<b>No power needed</b>				✓	
<b>Standing trap</b>	✓		✓	✓	
<b>Collapsible</b>		✓	✓		
<b>Carry bag = dry ice container</b>		✓			
<b>Suited for field</b>		✓	✓	✓	✓
<b>Robust shelter</b>	✓				
<b>Power</b>					
<b>Low power consumption</b>	✓	✓		No power needed	
<b>Volt</b>	5 or 6 Volt	5 or 6 Volt	12 Volt	-	12 Volt
<b>Supported power sources</b>					
<b>Power supply</b>	✓	✓	✓		✓
<b>Powerbank</b>	✓	✓			
<b>Solar</b>	✓	✓	✓		✓
<b>Car / motorcycle battery</b>	✓	✓	✓		✓
<b>Attractants</b>	All suction traps can be used with BG-Lure, CO <sub>2</sub> , and UV light to increase catch rates			Hay infusion	
<b>BG-Lure / BG-Mozzibait</b>	With BG-Lure / BG-Mozzibait, catch rates can be increased for <i>Aedes albopictus</i> , <i>Aedes aegypti</i> , and for <i>Culex quinquefasciatus</i> .				Catch rates can be increased for <i>Aedes albopictus</i> , <i>Aedes aegypti</i> , and for <i>Culex quinquefasciatus</i> .
<b>CO<sub>2</sub></b>	With CO <sub>2</sub> , the species spectrum and catch rates for mosquitoes and other blood-sucking insects can be increased. The synergistic effect with BG-Lure multiplies catch rates for <i>Aedes albopictus</i> , <i>Aedes aegypti</i> , and <i>Culex quinquefasciatus</i> .				Must be used with CO <sub>2</sub>
<b>UV light</b>	Increases catch rates for some species. Not recommended for <i>Aedes albopictus</i> and <i>Aedes aegypti</i> .				Not recommended, reduces accuracy
<b>Organic material</b>				Organic material in water can increase catch rates.	

# The BG-Protector

## A Robust Mosquito Trap for Permanent Outdoor Use: Ideal for Pest Control Companies

Biogents' robust BG-Protector mosquito trap was specifically developed for permanent outdoor mosquito control and requires little maintenance. It is an ideal tool for pest control companies to use in the fight against mosquitoes. CO<sub>2</sub> in combination with a patented human skin odor formulation maximizes the catch rates of the trap for tiger mosquitoes and all other mosquito species. The trap fits well to many properties or backyards, can be comfortably maintained, and the catches can be easily monitored. There is also an option to custom brand the trap with your logo starting from 500 pieces.

- Robust framework
- Integrated rainshield and CO<sub>2</sub> nozzle
- Custom brand the trap with your logo
- Easy to maintain and to monitor catches
- Fits well in a backyard
- Very effective against tiger mosquitoes and all other mosquito species



### BG-Protector - Designed for Professional Use



## BG - Protector

Type	Order No. / Description
BG-Protector	<p><b>10280</b></p> <p>The BG-Protector trap consists of</p> <ul style="list-style-type: none"><li>• 1x BG Protector trap with detachable parts: upper cylinder part with rain shield and attractant holder, lower cylinder part with fan and connected outdoor power supply, funnel, textile cone, robust outer cone</li><li>• 1x outdoor power supply (incl. 8 m DC cable) 5.9 V 1000 mA</li><li>• 2x mesh bag, 1 funnel net</li><li>• 1x mosquito attractant BG-Mozzibait</li></ul>



**Mosquito Attractants:** The addition of the mosquito attractant "BG-Mozzibait" increases catch rates for *Aedes albopictus*, *Aedes aegypti*, and for *Culex quinquefasciatus*, see chapter "**Biogents Skin Odors**".

INFO

# The BG-GAT

## The passive BG-GAT (Gravid *Aedes* Trap) attracts gravid female *Aedes* mosquitoes with water and ovipositioning cues

The BG-GAT 2 is a new version of the original BG-GAT 1 with improvements such as a central overflow.

Female mosquitoes are attracted by infused water and ovipositioning cues and enter the transparent chamber through the funnel.

Once in the chamber, mosquitoes try to escape through the translucent part where they are exposed to a sticky surface.

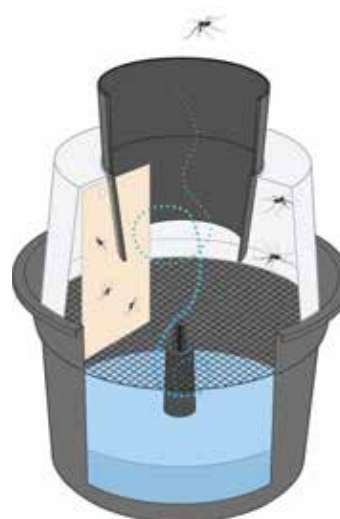
The transparent chamber hinders the mosquitoes' ability to escape, and the black mesh net provides a barrier between mosquitoes and the infused water.

The BG-GAT is ideal for surveillance programs of Asian tiger and dengue mosquitoes or for mass trapping in combination with suction traps.



The BG-GAT oviposition trap

- is affordable
- is easy to set up
- needs neither a power supply
- nor CO<sub>2</sub>

The BG-GAT trap was developed by Dr. A.E. Eiras from the Universidade Federal de Minas Gerais, Belo Horizonte, Brazil and Dr. S.A. Ritchie from the James Cook University, Cairns, Queensland, Australia.



## BG - GAT

Type	Order No. / Description	
BG-GAT 2 set of 12 (Gravid <i>Aedes</i> Trap)	<b>10652</b> 12x barrier net, 12x funnel, 12x transparent chamber, 12x black plastic buckets, 6x sticky card set (each set contains 10 pieces)  The BG-GATs are available in multiples of 12.	
Set of 10 sticky cards	<b>10653</b> Set of 10 sticky cards for the BG-GAT 2 trap with sticky surfaces on both sides	

# The BG-Counter 2

With the BG-Counter 2, Biogents offers the first commercially available remote monitoring device for mosquitoes

The BG-Counter 2 offers remote monitoring with automated mosquito counting from anywhere at any time with online software and analysis.

The innovative smart device differentiates mosquitoes from other insects, counts them, and wirelessly transmits the results to a cloud server.

Via the web application you can manage your mosquito traps and get new insights into daily activity patterns, adult density indices, population dynamics, and effectiveness of your control activities.

- Automatic reports of mosquito counts
- Trap management from the office
- Collection of local environmental data





Detailed data for every 15 min interval allow you to better understand the local mosquito activity patterns and enable you to better and cheaper control mosquitoes. Additionally, remote monitoring saves time and manpower.

- Better treatment timing
- More effective treatment
- Better control for less money
- Manage your trap from the office
- Spend less time on trap visits and counting mosquitoes

Biogents' new BG-Trap Station is a robust and ideal shelter for the BG-Counter 2.



## BG - Counter 2

Type	Order No. / Description		
BG-Counter 2	<b>10790</b> US version <b>10793</b> EU version	<b>10791</b> ME version <b>10792</b> SA version	
	The BG-Counter 2 includes 1x mobile module, 1x SIM card for data transmission, 1x fan adapter cable, 1x battery cable, 1x outdoor power supply, 1x CO <sub>2</sub> pressure reducing regulator with output pressure of 2 bars, 1x CO <sub>2</sub> tube, 1x BG-Pro Counter version (1x funnel net, 2x catch bag, 1x inner cylinder with upper part and lower part with 12V fan, 1x trap body, 1x carrying bag, 1x tripod)		
+ BG-Counter web service: annual fee	<b>10752-1</b>	The annual service for the BG-Counter web application includes the data communication, cloud storage, and web service; necessary for the use of the BG-Counter	
BG-Trap station	<b>10747</b>	The BG-Trap station is a metal stand optimized for the BG-Counter 2. It protects your BG-Counter from weather and can be attached to any type of terrain. Optimized to be used in combination with the BG-Pro Counter version	

### INFO

**Mosquito Attractants:** The addition of Biogents mosquito attractants increases catch rates for *Aedes albopictus*, *Aedes aegypti*, and for *Culex quinquefasciatus*, see chapter "**Biogents Skin Odors**".



# The BG-Pro

Easy and flexible to use:  
The BG-Pro is ideal to collect all types of mosquitoes

The BG-Pro was developed to offer the functions of the most widely used monitoring traps in one product while providing Biogents' patented technology, production quality, and design expertise. Different styles such as **EVS-style**, **CDC-style**, or **Sentinel-style** can be easily changed into each other and you have many more options:

**The BG-Pro offers room for your creativity – optimize your trap to your needs!**

- Perfect for all habitats and mosquito species
- Designed for use with Biogents attractants and CO<sub>2</sub>
- Multiple power options (battery, mains power supply, powerbank)
- Low power consumption for longer battery life. Fan can run on 5 or 6 V
- Catch bag above the fan reduces mosquito damage
- Automatic shutter ensures catch integrity in every situation
- Carry bag that is a dry ice container
- Durable materials and design for long life

**Attractants**

- Used with BG-Lure and placed on the ground, the trap can monitor tiger mosquitoes (*Aedes albopictus*, *Aedes aegypti*), and *Culex quinquefasciatus*
- Used with CO<sub>2</sub>, it can capture all mosquito species
- An LED light can be optionally mounted



## BG – Pro

Type	Order No. / Description
BG-Pro	<p><b>50126:</b> Includes everything to set up your trap as EVS-style, or as CDC-style, or as Sentinel-style, or any new style you can think of:</p> <p>1x intake funnel with integrated shutter system, 1x funnel net, 2x catch bag, 1x inner cylinder with upper part and lower part with 3-blade ventilator, 1x trap body, 1x hanger, 1x battery cable, 1x USB adapter cable, 1x carrying bag, 1x LED light, 1x rainshield, 1x tripod that enables the trap to stand on the ground</p>
BG-Pro, set of 4	<p><b>50127</b></p> <p>Set of 4 BG-Pro traps (50126)</p>



**INFO**

**Mosquito Attractants:** A mosquito attractant is not included. The addition of the mosquito attractant "BG-Lure" increases catch rates for *Aedes albopictus*, *Aedes aegypti*, and for *Culex quinquefasciatus*, see chapter "**Biogents Skin Odors**".

**Power supply:**

There are various possible power sources available, see chapter "**Power Sources**" and "**Accessories and Replacement Parts**".



# The BG-Sentinel 2

The most reknown monitoring trap for scientists, healthcare professionals, and mosquito control specialists

The trapping mechanism of the BG-Sentinel incorporates patented technology and was specifically developed for use against *Aedes aegypti* and *Aedes albopictus* species. With CO<sub>2</sub>, the trap also catches other mosquito species and blood-sucking insects.

### BG-Sentinel body

The trap body pops up automatically and reduces the set-up time. The trap body material is durable, resistant, and made of polyester material with mounting hooks and a carrying strap. It can be easily cleaned with water.

### Cover

Our ABS plastic cover is more stable and easier for you to mount and clean. With specifically sized perforation for a precise air flow.

### Fan

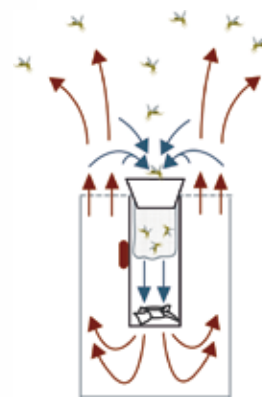
A form-fitting fan with a rounded profile and a waterproof connector ensures endurance. IP55 rated electrical components such as a 12 V ventilator and a power supply unit with 50-60 Hz and 100-220 V as well as battery mounting support cables.

### Funnel with shutter

The funnel is equipped with a shutter that closes the funnel automatically preventing the caught mosquitoes from escaping in case power supply fails for any reason.

### Rainshield (optional)

It has been shown in studies that adding a rainshield to the BG-Sentinel can increase the catch rates. Rainshield and mounting poles are separately available, see accessories (page 13).



## BG – Sentinel

Type	Order No. / Description	
BG-Sentinel 2 basic version	<b>10030</b> The BG-Sentinel basic version trap consists of 1x pop-up body, 1x plastic cover, 1x intake funnel, 1x funnel net, 2x catch bags, 1x ventilator (12 V DC, 3.6 W), 1x battery cable with connector, 1x carrier bag	

### INFO

#### Mosquito Attractants:

A mosquito attractant is not included. The addition of the mosquito attractant „BG-Lure“ increases catch rates for *Aedes albopictus*, *Aedes aegypti*, and for *Culex quinquefasciatus*, see chapter “**Biogents Skin Odors**”.




#### Power supply:

There are various possible power sources available, see chapter “**Power Sources**” and “**Accessories and Replacement Parts**”.

# Biogents Skin Odors

Biogents skin odors are the result of 16 years of academic research into the host-finding behavior of mosquitoes at the Zoological Department of the University of Regensburg, Germany.

The light and permeable dispensers guarantee an optimally timed release of the scent. The odor enhances the attractiveness of the suction traps for blood-seeking insects that prefer to feed on humans, especially for tiger mosquitoes.

Type	Order No. / Description	
BG-Lure	<p><b>For researchers:</b></p> <p>The BG-Lure is an artificial human skin scent to attract tiger mosquitoes in combination with the attractive visual and physical features of Biogents suction traps. The dispenser releases the scent into the surrounding area for up to five months.</p> <p><b>For more information and availability in your country, please contact the Customer Care Team.</b></p>	
BG-Mozzibait	<p><b>For professional mosquito control:</b></p> <p>The BG-Mozzibait odor uses the same patented combination of components as the BG-Lure to imitate human skin, but it is formulated to last only up to two months. The granules are packed in a sachet.</p> <p><b>For more information and availability in your country, please contact the Customer Care Team.</b></p>	
BG-MB5 for malaria mosquitoes	<p><b>10520</b></p> <p>The BG-MB5 is a special odor blend that attracts <i>Anopheles gambiae</i> in combination with the attractive features of the Biogents traps. Lasts up to five months. The blend was developed by the Laboratory of Entomology, Wageningen University, Netherlands, in cooperation with the International Centre of Insect Physiology and Ecology, Mbita Point Research and Training Centre in Kenya. Publications see below*.</p>	

\* Publications:

- Mukabana, W. et al. (2012): A Novel Synthetic Odorant Blend for Trapping of Malaria and Other African Mosquito Species. *Journal of Chemical Ecology*. 38:235-244.
- Verhulst, N. et al. (2011): Improvement of a synthetic lure for *Anopheles gambiae* using compounds produced by human skin microbiota. *Malaria Journal*. 10(28): 1-9.



# CO<sub>2</sub>



Carbon dioxide (CO<sub>2</sub>) is one of the most important attractants for mosquitoes. The addition of CO<sub>2</sub> to Biogents suction traps enables you to catch a broad range of mosquitoes and other blood-sucking insects. Various sources of CO<sub>2</sub> can be used.

## CO<sub>2</sub> from yeast fermentation:

With the BG-CO<sub>2</sub> Generator, Biogents provides an easy-to-use-set for the reliable production of CO<sub>2</sub> over a 24-hour period with yeast fermentation.

The key element of the BG-CO<sub>2</sub> Generator is the BG-CO<sub>2</sub> Powder which is an optimized formulation of various yeast strains and nutrients to provide the highest production of CO<sub>2</sub> over a 24-hour period. This optimized mixture was developed by Biogents to be used specifically for mosquito monitoring, and the package (200 g) lasts for up to 10 monitoring sessions.

The BG-CO<sub>2</sub> Generator set is re-usable and the BG-CO<sub>2</sub> Powder is available as a refill component. The only components you need to add are sugar and warm water (38° C). The insulated BG-Pro carrying bag serves as a container for the mixing bag keeping the temperature stable and therefore the CO<sub>2</sub> production reliable through thermal control.

Type	Order No. / Description	
BG-CO <sub>2</sub> Generator Starter Kit	<b>10562</b> The set for an optimized production of CO <sub>2</sub> over 24 hours with Biogents' formulated yeast powder includes: 1x mixing bag with cap, 1x CO <sub>2</sub> tubing (0.5 m) with cap, 1x BG-CO <sub>2</sub> Powder (200 g), 1x measuring spoon, 1x temperature strip, 1x BG-Pro bag	
BG-CO <sub>2</sub> Powder, refill	<b>10561</b> Yeast formulation for the production of CO <sub>2</sub> . The BG-CO <sub>2</sub> Powder contains an optimized mixture of different yeast strains and nutrients to achieve best results for a 24-hour CO <sub>2</sub> production. It also contains a harmless bitterant to prevent the ingestion of the solution. The package includes: <ul style="list-style-type: none"><li>• 200 g yeast formulation (lasts for up to 10 monitoring sessions)</li></ul>	



## CO<sub>2</sub> from gas bottles:

### Regulate the CO<sub>2</sub> emission with the BG-Booster CO<sub>2</sub>

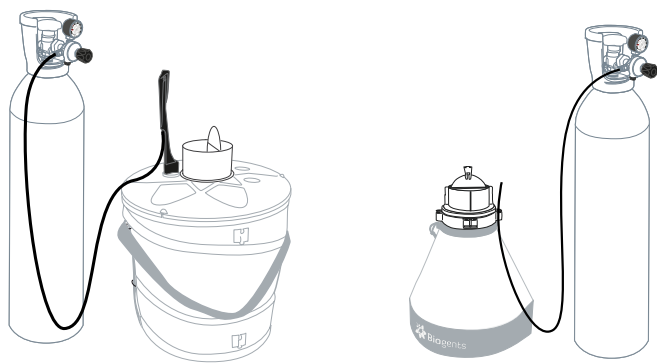
The BG-Booster CO<sub>2</sub> releases pure CO<sub>2</sub> from a CO<sub>2</sub> cylinder that must be sourced separately. The pressure can be adjusted to the local and seasonal conditions with the specialized pressure regulator.

We recommend a flow rate of about 0.5 kg of CO<sub>2</sub> per day (marker on the display of the pressure regulator) for

surveillance, which equals approximately 175 ml/min. A 10 kg CO<sub>2</sub> cylinder with this flow rate will last around 20 days. With higher flow rates up to 1.5 kg/day it is possible to further increase catch rates.

These are rough estimations, because the flow rate might vary according to various parameters, e.g., temperature.

Type	Order No. / Description
BG-Booster CO <sub>2</sub>	<p><b>10090</b></p> <p>To upgrade Biogents' suction traps to CO<sub>2</sub> traps. Comes complete with the following:</p> <ul style="list-style-type: none"><li>• 1x Biogents CO<sub>2</sub> emitter nozzle</li><li>• 1x CO<sub>2</sub> tube (5 m)</li><li>• 1x pressure reducing regulator with pressure gauge and knob to adjust pressure and CO<sub>2</sub> flow rates (for gas cylinders with valves W21.8 x 1/14" to DIN 477)*</li></ul> <p>* other connections are available upon request</p>



### Save CO<sub>2</sub> with the BG-CO<sub>2</sub> timer:








The Biogents CO<sub>2</sub> timer allows you to control when CO<sub>2</sub> is released by establishing specific start and stop times. It enables you to set up two start and end times to release CO<sub>2</sub>

each day. One BG-CO<sub>2</sub> timer can manage several traps simultaneously, can be used with all existing traps, and runs on a 9 V battery (battery is not included in the contents; battery should last at least 6 months).






Type	Order No. / Description
BG - CO <sub>2</sub> timer	<p><b>10306</b></p> <p>Includes 1x body with a display and buttons to set up the release times, 2x connections to the CO<sub>2</sub> tubes. <b>9 V battery is not included.</b></p>






# CO<sub>2</sub> Accessories

Type	Order No. / Description	
Pressure reducing regulator	<p><b>10084</b> EU version Specialized with pressure gauge and knob to adjust pressure for a CO<sub>2</sub> gas cylinder (valves W21.8 x 1/14" to DIN 477). Flow restriction tubes are not needed with this regulator.</p> <p><b>10085</b> US version For CO<sub>2</sub> gas cylinder with CGA 320 fittings</p> <p><b>10065</b> AU + Asia version For CO<sub>2</sub> gas cylinder with CGA 540 fittings</p>	
CO <sub>2</sub> emitter nozzle	<p><b>10080</b> CO<sub>2</sub> nozzle for an optimal dispersal of CO<sub>2</sub> with the new and old BG-Sentinel trap. Not necessary for the BG-Pro.</p>	
Carbon dioxide tubing (20 m)	<p><b>10072</b> With an outside diameter of 6 mm. Price is per 20 m of tubing.</p>	
Straight connector for tubing	<p><b>10075</b> Connects the CO<sub>2</sub> tubing</p>	
Y-connector for tubing	<p><b>10074</b> Connects the CO<sub>2</sub> tubing. Required if using more than one trap</p>	
Flow restrictor tube (red)	<p><b>10077</b> 10 cm CO<sub>2</sub> tube with sinter plug to regulate the flow to 20.8 g/h. To be used with pressure regulators bought before April 2017, or with multiple trap set-ups.</p>	
BG-CO <sub>2</sub> Powder, refill for the BG-CO <sub>2</sub> Generator	<p><b>10561</b> 200 g yeast formulation for the production of CO<sub>2</sub>, lasts for up to 10 monitoring sessions</p>	

# Power Sources









Type	Order No. / Description	
Solar system for BG-Counter	<b>10755-1</b> Solar panel with two 5 m PV-cable, each with 2.5mm thickness, Charge Controller, and solar battery cables	
Solar panel	<b>10756-1</b> Solar modul monokristallin 50 Watt-12 V with 2x 2.5 mm PV-cables, 5 m per pieces Battery cable is <b>not included</b>	
Charge controller 12/24 V	<b>10757-1</b> <ul style="list-style-type: none"> <li>• Load output protected against over load and short circuit</li> <li>• Protected against reverse polarity connection of the solar array and/or battery</li> <li>• Load output with low battery voltage disconnect function</li> <li>• Cables to the trap/BG-Counter as well as solar battery cables are included</li> </ul>	
Solar battery	<b>10766</b> With fix screw and with fitting battery cables (2 pieces of PV-cable, 0.5 m per piece)  ⓘ Can only be shipped via sea freight!	
Cable set for solar panels	<b>10769-1</b> 2x 2.5 mm PV-cable, 5 m per pieces	














Type	Order No. / Description	
Powerbank	<p><b>10874</b></p> <p>The portable powerbank is an easy way to power a 5 V <b>BG-Pro</b> trap for a limited amount of time without connection to the grid. It fits well in our BG-Pro cooling bag.</p> <ul style="list-style-type: none"> <li>• Loading (input) by micro-USB B plug</li> <li>• Output: 2 USB ports, 1 USB Typ C</li> <li>• Adapter micro USB cable, USB to micro USB (powerbank to powerbank charger). Length: 0.5 m</li> </ul> <p>Works well together with the power bank charger</p>	
Powerbank charger	<p><b>10872</b> EU version</p> <p><b>10873</b> US version</p> <p>Input: 100-240 V (AC), 50/60 Hz, 0.35 A</p> <p>Output: 5 V 2 A</p> <p>Works well together with the powerbank and the USB adapter cable.</p>	
USB adapter cable	<p><b>10356</b></p> <p>USB to Typ II adapter cable ~ 50 cm.</p> <p>With female plug, waterproof cap, and silicone ring.</p> <p>Works well together with the powerbank and the powerbank charger.</p>	

# Accessories and Replacement Parts

Inquiries concerning replacement parts and accessories of old trap versions that are not mentioned here please send to [sales@biogents.com](mailto:sales@biogents.com).

Type	Order No. / Description	
Rainshield with mounting poles	<b>10829</b> Rainshield with mounting poles for the BG-Sentinel 2. Material made of sturdy plastic. Fits into the BG-Sentinel bag.	
Catch bag	<b>10060</b> The catch bag is attached to the intake funnel and catches the mosquitoes that are sucked in by the ventilator.	
Funnel net	<b>10062</b> The funnel net ensures that the mosquitoes in the catch bag cannot fly or crawl back out of the trap.	
UV light with 3 LEDs for the <b>BG-Pro</b>	<b>10544</b> UV light set with 3 LED lights, 5 V, for BG-Pro. To upgrade an EVS-style or Sentinel-style to a CDC-style.	
Biting midges collection set for the <b>BG-Pro</b>	<b>10839</b> With the collection set for biting midges, the BG-Pro can be used as a trap that attracts biting midges. This set includes 1x beaker catch bag, 2x plastic beakers that are placed within the beaker catch bag for diluted alcohol or other liquids to instantly kill and preserve the catch, 1x 5 mm mesh cover net that excludes larger insects from the catch pipe. Please note: When using the set, remove the shutter of the BG-Pro.	
BG-Pro tripod	<b>10833</b> Tripod for the BG-Pro for a safety stand on the ground. To upgrade a CDC-style or EVS-style to a BG-Sentinel-style.	
BG-Pro rainshield	<b>10831</b> Rainshield for the BG-Pro to protect the trap from weather. To upgrade a Sentinel-style or EVS-style to a CDC-style.	
Insulation bag for BG-Pro and BG-CO <sub>2</sub> Generator	<b>10854</b> <b>For the BG-Pro</b> trap, the insulated bag can serve as storage for dry ice. <b>For the BG-CO<sub>2</sub> Generator</b> , it serves as container for the mixing bag keeping the temperature stable and therefore the CO <sub>2</sub> production reliable.	

Type	Order No. / Description	
Battery mounting cables, with connectors	<b>10025</b> Battery cables with connectors to run the trap on batteries (12 V car or motorcycle batteries are recommended).	
Battery mounting cables, with clamps	<b>10026</b> Battery cables with clamps to run the trap on batteries (12 V car or motorcycle batteries are recommended).	
Ventilator (fan), for <b>BG-Sentinel</b>	<b>10034</b> IP 55, rainproofed 7-blade ventilator (12 V DC, 3.6 W).	
Ventilator (fan), for <b>BG-Pro</b>	<b>10044</b> IP 55, rainproofed 3-blade ventilator (5 V DC, 0.17 A). Not to be used together with the BG-Counter.	
Power supply unit	<b>10059</b> US, <b>10058</b> EU, <b>10057</b> AU To run the trap on electricity. EU version with 100–240 V input, 12 V DC output, and 1 A, 8 m cable.	
Outdoor power supply unit for <b>BG-Pro</b> or <b>BG-Protector</b>	<b>10261</b> Outdoor Power Supply, Typ II (6 V, 8 m), to be used with the BG-Pro & the BG-Protector. Technical data EU version: AC Plug: 100-240 V AC, 50-60 Hz, DC Plug: 6 V DC, 1000 mA, Waterproof IP Grad: IP 68)	
Outdoor power supply	<b>10047</b> US, <b>10056</b> EU Outdoor power supply. Specifications: EU version with 100–240 V input, 12 V DC output, and 1 A, 50–60 Hz, 8 m cable.	
DC extension cable	<b>10049</b> To use with the power supply unit or the battery mounting cables. Length is 10 m.	
Y-shaped power cable	<b>10541</b> To connect multiple traps or the CCU to one power supply unit.	

Type	Order No. / Description	
BG-GAT barrier net	<b>10651</b> BG-GAT barrier net with elastic band. The barrier net is attached to the transparent chamber of the BG-GAT and can also function as a catch bag.	
BG-GAT 2 sticky card, set of 10	<b>10653</b> BG-GAT 2 sticky card with dry adhesive surface on both sides of the card. Available in packages of 10 sticky cards. Price is per package.	

# Ordering Information

To order please visit our webshop [research-shop.biogents.com](https://research-shop.biogents.com) or contact our sales department at Biogents AG. Contact information can be found below. Delivery periods vary depending on order size and may require up to 3 - 4 weeks.

## Payment Terms

VAT only applies for EU customers without a VAT identification number. Prices do not include shipping charges. These depend on quantity, destination, and the mode of shipping you choose.

Payment in euros and by wire transfer is desired. We suggest the quick and simple SWIFT (Society for Worldwide Interbank Financial Telecommunication) money transfer system, which is available at most banks worldwide. We cannot accept direct payments by credit card except in our webshop.

Biogents' bank details:

Account holder: Biogents AG  
Bank name: Commerzbank Regensburg  
SWIFT/BIC - Code : COBADEFFXXX  
Bank code number: 750 400 62  
Account number: 6030951 00  
IBAN: DE43 7504 0062 0603 0951 00

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