



# BG – Pro

All Your Needs in One Product



# The BG-Pro: The New Modular Trap for Professionals

The BG-Pro was developed to offer the functions of the most widely used monitoring traps in one product while providing Biogen's 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!**

## Easy to Assemble

### EVS-style

hanging



### CDC-style

hanging



### Sentinel-style

standing on the ground



## Easy and Flexible to Use

- Multiple designs in one product
  - \* EVS-style
  - \* CDC-style
  - \* Sentinel-style⇒ Easy to change into each other
- Perfect for all habitats and mosquito species
- Hanging or standing choice
- Multiple power options (battery, mains power supply, power bank)
- Carry bag that is a dry ice container

- Designed for use with Biogen's attractants and CO<sub>2</sub>
- Automatic shutter ensures catch integrity in every situation
- Catch bag above the fan reduces mosquito damage
- Low power consumption for longer battery life. Fan can run on 5, 6, or 12 V
- Durable materials and design for long life

## Biogents Attractants

Improve the traps' performance with Biogents attractants, the patented human scent mimics, to increase catch rates for *Aedes albopictus* and *Aedes aegypti*:

- BG-Lure – 5-month lure
- BG-Sweetscent – 2-month lure

When the Biogents attractants are used in conjunction with CO<sub>2</sub>, the synergistic effect can multiply the catch rates.

## CO<sub>2</sub> Upgrade

All trap styles can be upgraded with CO<sub>2</sub> to increase the catch rates for all mosquito species.

- Dry ice  
To the right, an example of the CDC-style version: The dry ice is placed into the insulated Biogents bag above the trap. Additionally, a power bank can be placed inside the side pocket of the bag.
- CO<sub>2</sub> gas bottle  
Biogents offers a CO<sub>2</sub> upgrade set including a pressure regulator for CO<sub>2</sub> gas bottles (BG-Booster CO<sub>2</sub>).
- Yeast fermentation  
For more information, see, for example, Smallegange et al. (2010) Malar J. 9:292, or contact Biogents.



## Performance of the BG-Pro

First field tests show excellent results indicating that the BG-Pro is at least as good as the CDC and the BG-Sentinel traps.

# BG-Pro and the BG-Counter: the Optimal Combination

## BG-Trap Station

Biogents' new BG-Trap Station is a robust shelter for your BG-Counter and is optimized for use with the BG-Pro.

The BG-Trap Station

- is made of stainless steel
- protects your BG-Counter from weather
- can be attached to any type of terrain



## BG-Counter

The BG-Counter upgrades your Biogents trap to a remote monitoring station that offers automated mosquito counting from anywhere at any time with online software and analysis.

Detailed data (up to every 15 min) allow you to better understand the local mosquito activity patterns and enable you to better and cheaper control mosquitoes:

- better treatment timing
- more effective treatment
- better control for less money

Remote monitoring saves time and manpower

- control and monitor your trap from the office
- spend less time on visiting your traps
- no need to count the mosquitoes



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