



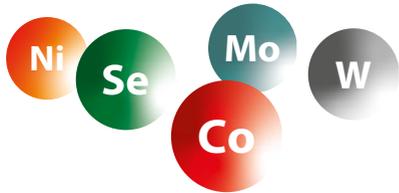
# DIGESTER CONTROL IN THE PALM OF YOUR HAND

EASY-DOSE 5-IN-1 TRACE ELEMENT POUCH

## BC.MICROcon5



Our hassle-free, daily digester additive contains the daily dose of the 5 most essential trace elements you need to keep your biogas plant healthy – nickel, selenium, cobalt, tungsten and molybdenum.



It's safe to handle, helps to boost gas yields and stabilizes digester biology. And it couldn't be easier to use, with no mixing, measuring or pouring required – just feed one pouch (12.5 oz.) per 226 MMBTU/day into your digester and let the trace elements go to work!

### FACT BOX

**Suitable for:** All plant types, sizes, and feedstocks  
**Dosing method:** Digestible pouch  
**Dosing frequency:** 1 pouch (12.5 oz.) per  
→ 156 scfm  
→ 226 MMBTU/day  
→ 1 MW<sub>el</sub>

*"The health and safety benefits are fantastic, plus it's so easy to use – we just throw in the pouches and that's it! Our nutrient levels are perfect. This is head and shoulders above other trace element products."*

Ben Giles, Material Change Ltd, UK

*"It's simpler to administer than traditional digester additives and much safer, too. We're glad we made the switch to BC.MICROcon5."*

Andrew Channing, Channing Digester Ltd, UK

### WHY CHOOSE BC.MICROcon5?

- // Dose of 5 most essential trace elements for biogas production
- // Safe to store and handle
- // Easy-dose daily pouch – no hassle!
- // Zero measuring required
- // Boosts biogas yield
- // Maintains digester health

## CASE STUDY: BC.MICROcon5 DELIVERS 400% ROI FOR UK BIOGAS PLANT

**Plant operator:** BioWatt  
**Location:** Katharos Organic AD plant, Essex, UK  
**Plant size:** 1 MW<sub>el</sub>

### PROBLEM

When BioWatt took over Katharos Organic AD plant, the facility was running at just 25% of its operational capacity. BioWatt managed to raise performance to 60% but then they hit problems. When they increased the feeding rate, the biology became unstable, causing output and methane content to drop.

### SOLUTION

Analysis showed the plant was deficient in the five most critical trace elements for healthy digester biology – nickel, selenium, tungsten, molybdenum and cobalt. So BioWatt embarked on a nine-week trial of BC.MICROcon5, which contains the recommended daily dose of these same five trace elements.

### OUTCOME

There was an instant rise in methane quantities at Katharos Organic AD plant. By the end of the trial, results showed an increase of 103 scfm of methane (CH<sub>4</sub>) and 11.1 kW<sub>el</sub> per ton of feedstock. This represents a 400% return on their investment.

BioWatt have since ordered a year's supply of BC.MICROcon5 for not just their Katharos site, but also for two other plants that they operate.



*"BC.MICROcon5 has significantly boosted our biogas output. It's safe, clean, easy to use, accurate, and saves us space on site. It's quickly become part of our daily digester care regime."*

Alex Monks, BioWatt, UK



## LIQUID FORMULATION TRACE ELEMENTS

### BC.MICROcon5 LIQUID

### FACT BOX

**Suitable for:** Biogas plants with liquid feeding systems  
**Dosing method:** Automated dosing via dosing pump  
**Dosing frequency:** 1 gallon per  
→ 591 scfm  
→ 855 MMBTU/day  
→ 3,8 MW<sub>el</sub>

For biogas installations with liquid feeding systems, BC.MICROcon5 Liquid is the liquid alternative to BC.MICROcon5. Expect the same daily dose of essential trace elements but in liquid form – ideal for easy dosing via an automated dosing pump. And of course, it's safe to use thanks to our pH neutral, non-corrosive, non-toxic formulation.