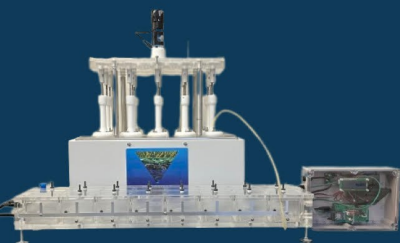




BMP/RBP Nautilus



Used in most AD labs around the UK, our Nautilus model refines the classic BMP test with our patented homogeneous mixing design, and tightly controlled temperature. With 15 reactors, multiple feedstocks can be tested simultaneously to compare various biogas production inhibition potential or batch kinetics.

Reactors n°: 15
Reactor vol [L]: 1
Temp [°C]: Ambient to 85
Motors: 1
Reactor material: HDPE bottle

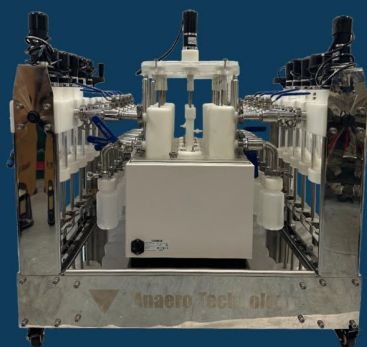
Pegasus



The Pegasus is our second batch-fed model, featuring 5/10L reactors. With up to 18% dry solid substrate having been used before, these larger capacity digesters enable the use of more fibrous and solid content that would be unsuitable for automatic feeding - as well being easier to operate with (less spillage when feeding).

Reactors n°: 2, 3
Reactor vol [L]: 5, 10
Mixer motors: 2, 3
Temp [°C]: Ambient to 85
Reactor material: 316 Stainless steel

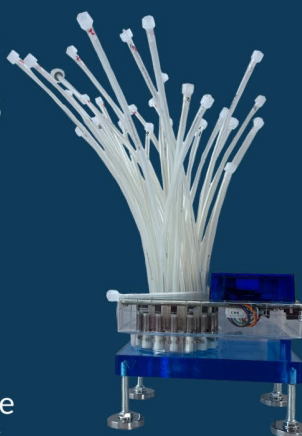
Medusa



Also available as an upgrade to current BMP's, the Medusa is a hybrid system, with 10 automatically fed and 5 batch fed reactors. Suited to fibre-free or slurry feedstocks and covering both feeding regimes, the Medusa can perform versatile research particularly into microbial kinetics due to its many possible feedings configurations

Reactors n°: 15 (10 auto-fed)
Auto-feeders: 2
Reactor vol [L]: 1
Feeds/day: 0-999
Temp [°C]: Ambient to 85

Chimera

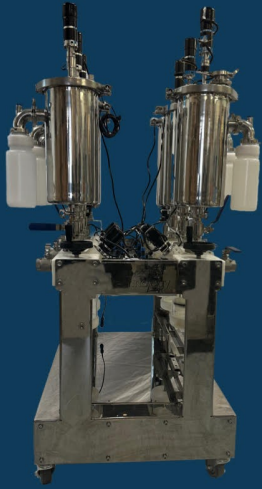


The Chimera innovates the analysis process by automatically reading CH₄ and CO₂ composition online, from a maximum of 15 individual reactors. It only requires a gas sample of 15ml, allowing for more frequent and holistic analysis, as well as maintaining functionality under low gas flow conditions such as standard BMP tests.

Channels: 15
Gas sensors: CH₄, CO₂
Sampling/data: Automatic as programmed
Volume for read: 15ml
Calibration: Factory/user



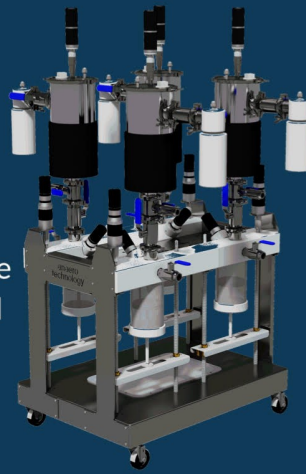
Lobster £25000



From our automatic range, the lobster model is equipped with six, 5 litre reactors (smaller options available). With an adjustable rate between 0 and 999 feeds a day, and the capability to use mixed fluid feedstocks from AD plants directly, the lobster can closely simulate the feed of an industrial AD plant.

Reactors n°:	6
Auto-feeders:	2
Feeds/day:	0-999
Reactor vol [L]:	1/2/5
Temp [°C]:	Ambient to 85

Lobster-i £26000



The Lobster-i model features 5 litre reactors (smaller options available), but with more flexibility for the feeding rate since each of the 4 reactors is equipped with its own feeder. This means 4 independent tests can be run simultaneously from the same machine. The Lobster and Lobster-i can both later be converted to multi-stage systems.

Reactors n°:	4
Auto-feeders:	4
Feeds/day:	0-999
Reactor vol [L]:	1/2/5
Temp [°C]:	Ambient to 85

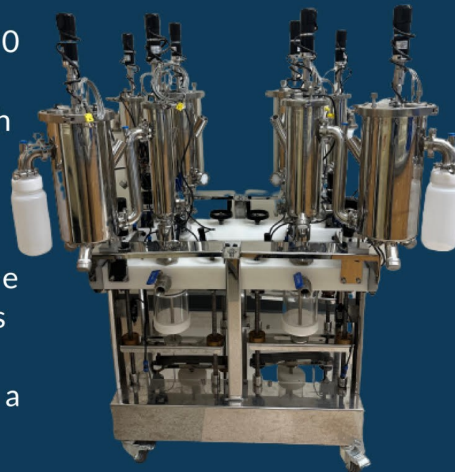
Caterpillar £30500



The Caterpillar offers massive research capabilities partnered with ease of use. The 10 automatically fed reactors, operating with individual temperature control, provide the capacity for multiple experiments - a valuable tool if there are various ongoing projects, or to compare differences in a particular substrate's biogas productions.

Reactors n°:	10
Auto-feeders:	2
Feeds/day:	0-999
Reactor vol [L]:	1
Temp [°C]:	Ambient to 85

Black Swan £31000



Boasting many possible configurations, the Black Swan is our most comprehensive model. With four 1st stage and four 2nd stage reactors (+optional additional stages), and 4 auto-feeders, the Black Swan allows you to compartmentalise the AD process by manipulating each stage through temperature control and HRT.

Reactors n°:	4
2nd Stage Reactor n°:	2-12
Auto-feeders:	4
Feeds/day:	0-999
Reactor vol:	1/2/5
Temp [°C]:	Ambient to 85