



NANOBUBBLE TECHNOLOGY USED IN THE FIELD OF ANIMAL HEALTH

At ReGen Global, we specialise in engineering solutions that utilise the extraordinary potential of controlled hydrodynamic cavitation.

We are proud to offer our revolutionary multi-chamber hydrodynamic cavitation devices for use in the agriculture industry. Our devices have the capability to improve and accelerate the process of gas infusion into soil. By utilising hydrodynamic cavitation, our devices are able to produce nano- sized bubbles that allow for higher gas transfer rates and retention time in liquid.

Adding a ReGen infusion device to your operation allows for greater absorption of infused gases by animals, which increases disease resistance, health, and production potential when beneficial gases such as oxygen are used.

With a patented flow-through design and no moving parts, our devices are a scalable solution that is easy to install and retrofit into existing systems.





REGEN DEVICES USED IN THE FIELD OF ANIMAL BREEDING

FEATURES

- » 100% gas infusion in a single pass at 0.5% of gas to water flow
- » Infuse virtually any gas into virtually any liquid
- » Infusion Capabilities below 10 nano sized bubbles
- » 10 nano produces beyond 1 trillion nanobubbles per ml
- » Component integration into existing systems and solutions
- » Exceptional product lifespan
- » No moving parts
- » Flow-through design limiting the potential for blockage

BENEFITS

- » Exceptional gas retention time in fluid
- » Supersaturation of gases in a single pass
- » Higher dissolution rate
- » Increased gas absorption rate by organisms
- » Promotes animal health*
- » Increased disease resistance*
- » Increased production potential*
- » Reduced overhead costs



First Floor, Incubator Building
Masdar City, Abu Dhabi
United Arab Emirates
info@regenglobal.me
regenglobal.me

*Based on hydrogen and oxygen nanobubble gas infusion figures.