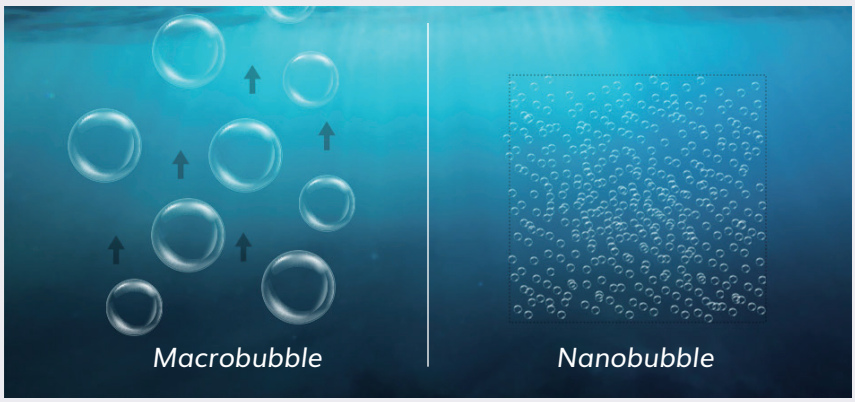
Aeon Matrix

Nanobubble and UFB Systems For Aeration and Water Treatment

Nanobubbles are tiny bubbles that are less than 100 nanometers in size, while those larger than 100 nanometers in size are called ultra-fine bubbles (UFB). Due to their small size and unique properties, nanobubbles or UFB can provide a significantly higher level of dissolved oxygen in water systems, improving the health and vitality of aquatic life. The technology to generate nanobubbles is highly efficient using much less energy than traditional aeration methods. The high surface area of nanobubbles and the hydroxyl radical particles allows for more effective removal of contaminants, such as viruses, bacteria, and organic matter.



Aeon Matrix provides various nanobubble or UFB systems to maintain the dissolved gas level through corresponding sensors or simply execute user-defined schedules. Adding different gasses — like oxygen, carbon dioxide, and ozone — is also possible in our systems. This makes them useful in a wide range of applications, including fish farming, algae farming, agriculture, sanitization, and wastewater treatment. Aeon Matrix's nanobubble systems have the potential to improve the health of aquatic systems, crop growth and the efficiency of water treatment to save energy and money.

Aeon Matrix Inc.

4F., No. 75, Zhouzi St., Neihu Dist.
Taipei City 114, Taiwan

T : +886-2-2657-2011
E : contact@aeonmatrix.com