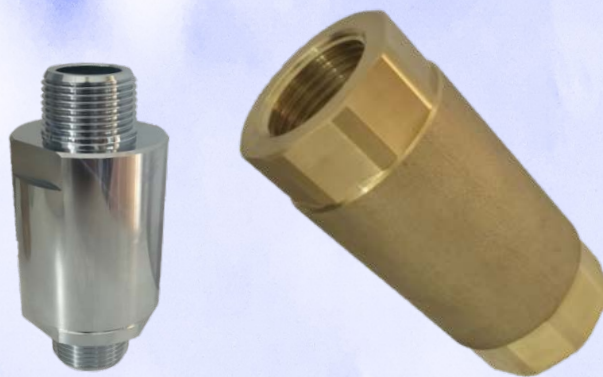




**The World's first
and
only patented
ULTRA FINE BUBBLE
generator valve.**

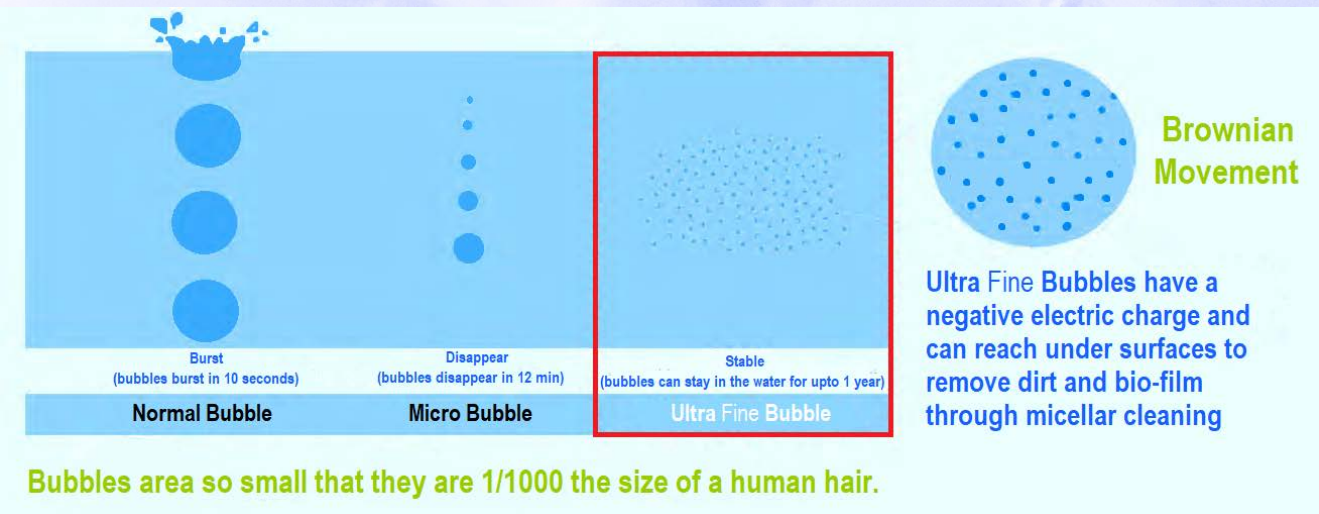


Web site - www.amet-group.com

What are Ultra Fine Bubbles (UFB)



- UFB's are extremely small gas bubbles which cannot be seen by the naked eye.
- UFB sizes vary in the range of 200 nanometers or less.



THE UNIQUE CHARACTERISTICS

Due to the bubbles size and structure, UFB possess distinct properties that make them particularly effective at improving water quality, enhancing water treatment processes, and improving productivity in commercial and agricultural applications. Removal and maintenance of biofilm is paramount.

NEUTRAL BUOYANCY:

UFB's are neutrally buoyant and can remain suspended in liquid for months without rising to the surface and instead follow 'Brownian motion', thus leading to homogeneous distribution of UFB in the entire liquid body.

PRIMED FOR REACTIONS:

UFB have a strong negative surface charge that keeps them stable in liquid and enables them to continuously participate in and stimulate physical, biological & chemical interactions, resulting in less chemical use.

Proven industries of UFB in use.



Cleansing

Cleans and removes stubborn biofilms and calcification that develop in water pipes. Reduction in harsh and environmentally damaging chemicals whilst maintaining the surface structure.



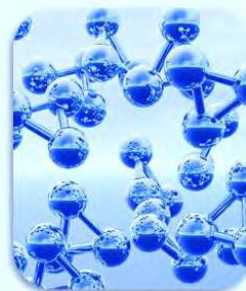
Protects vehicle exteriors

Helps prevent dirt build up with micellar deep cleaning and reduces the frequency and effort required for cleaning whilst delivering hydrophilic properties.



Human & Animal benefits

Good for hair, skin and drinking (if you can drink your water already). UFB water provides four times moisturising effect, compared to normal water on hair and skin.



Gas dissolution

Exceeds standard high concentration of 1,000ppm, by ten times. Gases used include Ozone, CO₂, Oxygen and Hydrogen. Factory, food-processing factory, manufacturing, beauty products and spa treatments.



Growth promotion

Accelerates plant and root growth producing healthier plants. Good for aquaculture. Case studies include tomato hydroponics and shrimp aquaculture.

UFB WATER

The change is here...



Information and test data on water passing through UFB Dual;

1. **When water passes through the UFB DUAL valve, the water quality or purity will not change.**
2. This valve converts the air components contained in water into UFB without including outside air or electricity or any other outside influences which can cause contamination. (UFB Dual is a sealed unit)
3. **Water pressure test 17.5kg / cm², passed dissolution test for certification**
4. UFB DUAL test, data by nanosite measurement details at water pressure 0.5kg/cm²

Measuring Device:

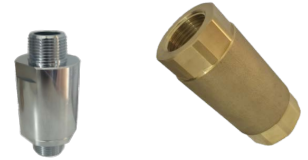
Nippon Quantum Design Inc. Nanosight LM10VHST (wavelength: 105nm) Average value of five batch sample measurements (device setting)

Measuring Method:

Batch measurement processing of purified water directly connected to water pipes

Measurement Result:

Laboratory tap water pressure 0.05MPa (0.510kgf / cm²)



UFB 20A

UFB 25A

Maximum size valve available (Special order) 6.5 inches / 165.2mm

Measuring Condition			Measurement result		
Flow rate (L / min)	Water temperature (°C)	Dissolved oxygen content (in the water already) (ml/ L)	UFB measurement number in (10 million/ml)	Mean (Average) particle size (nm)	Mode (Most common) particle size (nm)
2.0	24.6	8.69	4.86±1.33	195.6±13.5	164.6±32.6
5.0	25.0	10.52	3.64±1.60	203.1±17.1	180.5±19.1
8.1	27.3	10.14	7.58±2.40	150.5±1.14	110.0±16.8
9.7	24.7	10.79	4.44±0.99	149.9±12.9	131.9±35.1
Tap Water (6.9)	24.6	9.75	0.00±0.00	0.00±0.00	0.00±0.00

LEARN HOW **ULTRA FINE BUBBLES**

TECHNOLOGY CAN DELIVER A HEALTHY VALUE TO YOUR BUSINESS!

EXCLUSIVE UK & European Importer and Distributor