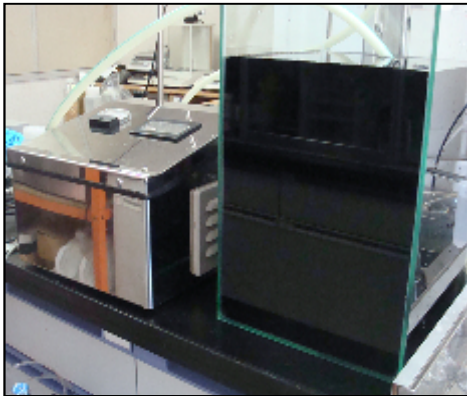


B. nano is a trade mark of super fine bubbles generated from Nac's **Foamest**® series of micro and nano bubbleblers.

Decolorization of colored waste water

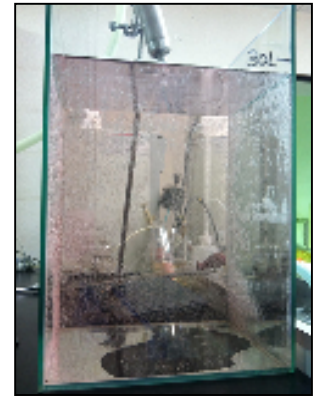
① An actual wastewater sample from our customer



Samples of time-dependent change through an ozone nano bubble treatment



② Finally almost transparent liquid



Decomposition of Cyan and Hydrazine

It is possible to decompose biodegradable persistent substances, such as cyan and hydrazine, which are contained in the coolant of power plants and the waste water of various factories, in a short period.

【Performance result of hydrazine decomposition in a plant】

Waste water

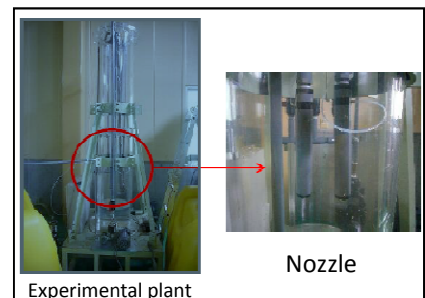
Concentration of hydrazine : 700mg/L

Treatment period

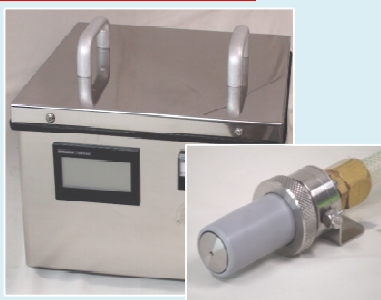
Conventional way (aeration) : 24 hours

Ozone nano bubble treatment : 1.5 hours

Capacity of a treatment tank	180 L
Hydrazine concentration of the waste water	700mg/L
Inflow of the waste water	2.5L/min
Hydrazine concentration after the treatment	0.1mg/L



Production



* An oxygen cylinder with a regulator would be furnished by customers.

Foamest® plus GE standard model

- ① Feature : A nano bubble generator and a compressed ozone gas generator are combined, and it's design flexibility make it possible to be applied easily to existing facilities.
- ② Spec Ozone Gas volume : 200mg/h
Output of ozonized water : 5L/min
Electrical Consumption : 200W
- ③ Safety : Due to transforming ozone gas into nano bubbles, much less ozone gas as a dissolved ozone gas is released into the atmosphere. Therefore, it secures the safety of working places.
- ④ Applications : Oxidative degradation of non-biodegradable waste water, decolorization of colored waste water