

## **【High Pressure + Air Bubble】 Bubbl'n Sonic give you the better washing effect.**

- Improved washing capability
  - Saving cost (Cut water/electricity bills)
- Protecting Environment (Save resources)



# What is ECTechno, Inc.?



## <ECTechno, Inc.>

President & CEO : Katsutoshi Morishita

Established : May, 1999 Paid-up capital : 3 million yen

Located : Higashi Osaka City, Osaka Pref. Creation Core Higashi Osaka Bldg. .

Organization for Small & Medium Enterprises and Regional Innovation, JAPAN



## Management Idea (Company name <ECTechno> is derived from)

Energy resources available are limited on the earth, therefore, we must think the most effective way of the usages for them and, we must protect our environment and Conserve them through our study for development of the useful Technology so that we can contribute for our customers and the local communities.

## Main business

Designing of Water-Saving type tap water metal fittings, distribution of them, including OEM base business and Consulting business for water-saving (ECT Water-Saving system).

# BUBBL'N SONIC

(Washing nozzle) Advantages



**Water-Saving type Nozzle for cleaning (Washing for machinery, etc.)**

**By our special structure, fine air bubbles are mixed,  
so that energetic and powerful water can be sprayed for washing.**



- **50%~80% of water in volume can be saved, when comparing with conventional hose.**
- **Superior durability by using metal materials**
- **No worry of plastic mixture in food processing factories**

## How BUBBL'N SONIC are unique on spraying stage



### Jet Characteristic

Highly compressed water with air bubble can be sprayed from each nozzle.



**No need to use Compressor, etc. for mixing air bubble.  
Special structure of inhaling and mixing air naturally  
by city water pressure only to create bubble.**

## How BUBBL'N SONIC are unique on spraying stage



**Washing with  
conventional hose**



**Volume of water is required.**

**(High volume of water is discharged in vain.)**

# How BUBBL'N SONIC are unique on spraying stage



**Washing with  
conventional hose**

**When pinching  
the hose edge  
to increase  
the water pressure,**



**The water pressure can be increased, but  
water splashing are also happened.**

# How BUBBL'N SONIC are unique on spraying stage



Washing  
with  
our "BUBBL'N SONIC"

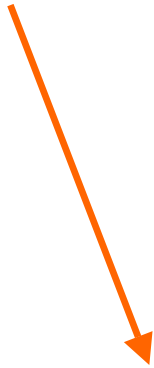


**Water can be saved by 80%, at the same time, powerful water pressure is available by only 20% water volume and less water splashing because of the fine air bubbles created.**

# How BUBBL'N SONIC are unique on spraying stage



Washing  
with  
our "BUBBL'N SONIC"



**Less water splashing when hitting the washing subject.  
More beautiful washing result by removing the dirt  
with the higher water pressure plus powerful air bubble.**

# Advantage to use BUBBL'N SONIC (Special Water-Saving effect)



When using 30 sec. at the same water pressure

**80% water can be saved in volume.**

(Conventional hose)



<Before setting> 20ℓ/30 sec.

(BUBBL'N SONIC)



<After setting> 4ℓ/30 sec.

**80% saving**

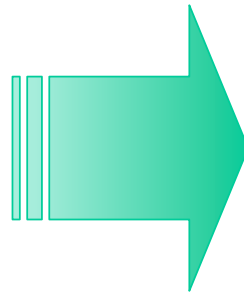
# Advantage to use BUBBL'N SONIC



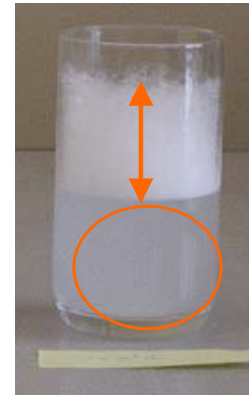
## Bubbling effect

Compare the bubble in water from the conventional hose  
vs. from BUBBL'N SONIC when mixing detergent 1 g

(Conventional hose)



(BUBBL'N SONIC)



**Less volume of water, but more volume of bubbling  
are available when using the detergent.**

# Advantage to use BUBBL'N SONIC



**The totally metal-made body give the higher durability.**

Aluminum Die Cast  
(Special  
coating both  
for outside &  
inside)

Brass



Brass

Stainless Steel

**Special coating finish with black color**

# Advantages to use BUBBL'N SONIC (Conclusion in total)



(Straight spray model)



(Shower spray model)

- **Naturally inhaling structure by city water pressure only**
- **80% water-saving effect in volume**
- **Less water splashing**
- **Higher durability by totally metal-made body**
- **Patent Pending (Japan · USA · Europe · Others)**

# Market for BUBBL'N SONIC



Normal



High pressure washing

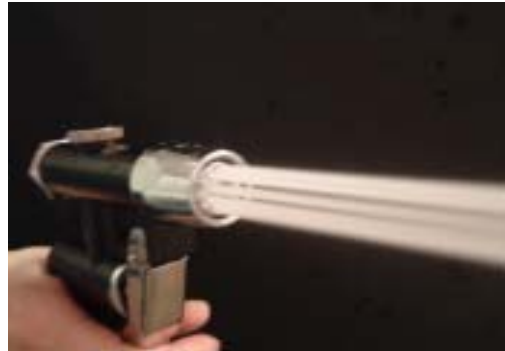


Conventional hose



Spray nozzle

Cheap price • ready to use



**BUBBL'N SONIC**

Totally new market  
(breaking into niche  
washing field)

- Reasonable price
- Easily use
- Effective washing



High pressure washer

High cost • troublesome  
maintenance

# BUBBL'N SONIC Portable Nozzle Feature



**EB-N210**



**EB-N220**



Water volume  
controlling function

**Plus Extension Pipe**



- **Water-saving effect, spraying are similar level with the washing nozzle.**
- **Flexibility in Nozzle length change, handle is made with plastic.**
- **Recommendable for various washing use by extending the hose length.**