

Clean environment  
for high productivity



# SMT NOZZLE CLEANER

# ITRONIK



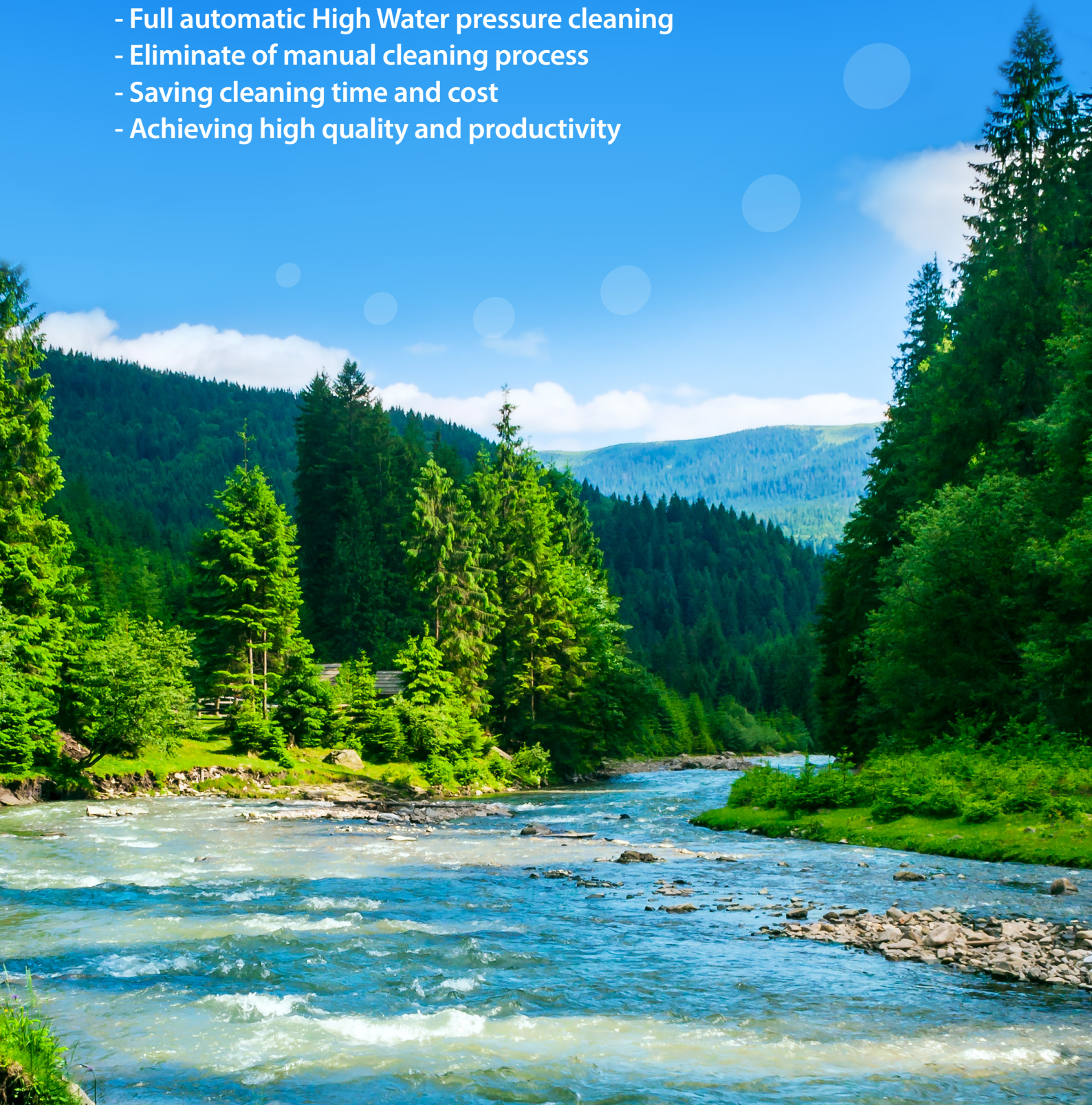


*Innovation of Productivity with*  
***SMT Nozzle Cleaner***

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**The best choice ...**

- Full automatic High Water pressure cleaning
- Eliminate of manual cleaning process
- Saving cleaning time and cost
- Achieving high quality and productivity



## INTRODUCTION

Only Water  
Quick Cleaning & Drying  
Easy Operation

 **SMT Nozzle Cleaner**



SMT Nozzle cleaner BNC-8000

The newly invented High Water Pressure SMT Nozzle cleaner overcomes the limitation of the traditional manual and Ultrasonic cleaning process and it helps to reduce the unnecessary cleaning time, labor cost and also to achieve High quality and productivity from the SMT lines

## PRODUCTS

### BNC - 8000



- X30 Nozzles
- SMT Nozzle cleaner for DI(Deionized)
- Perfect drying by the warm Air
- Convenient the sliding nozzle holder

Product Size		
Width	Length	Height
420mm	465mm	500mm
Weight	Permissible Air Pressure	Voltage, Frequency and AMP
41kg	7kgf/Cm <sup>2</sup>	AC 100-240V~ 50/60Hz, 3-6A

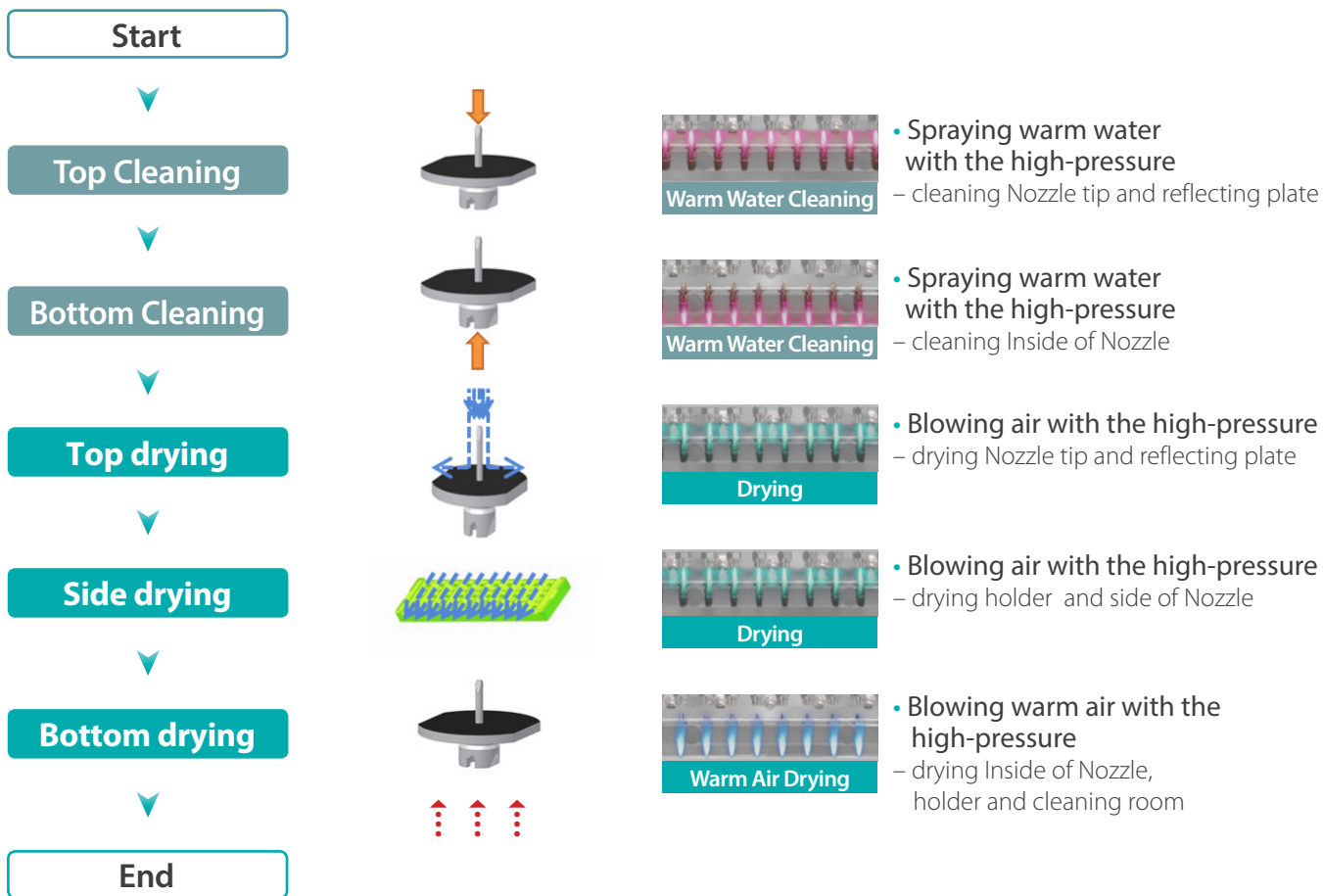
### KC700



- X24 Nozzles
- Speedy Cleaning
- Detachable nozzle holder
- Product state Indication LCD

Product Size		
Width	Length	Height
400mm	400mm	420mm
Weight	Permissible Air Pressure	Voltage, Frequency and AMP
31kg	7kgf/Cm <sup>2</sup>	AC 100-240V~ 50/60Hz, 3A

# PROCESS



**\* Test conditions**

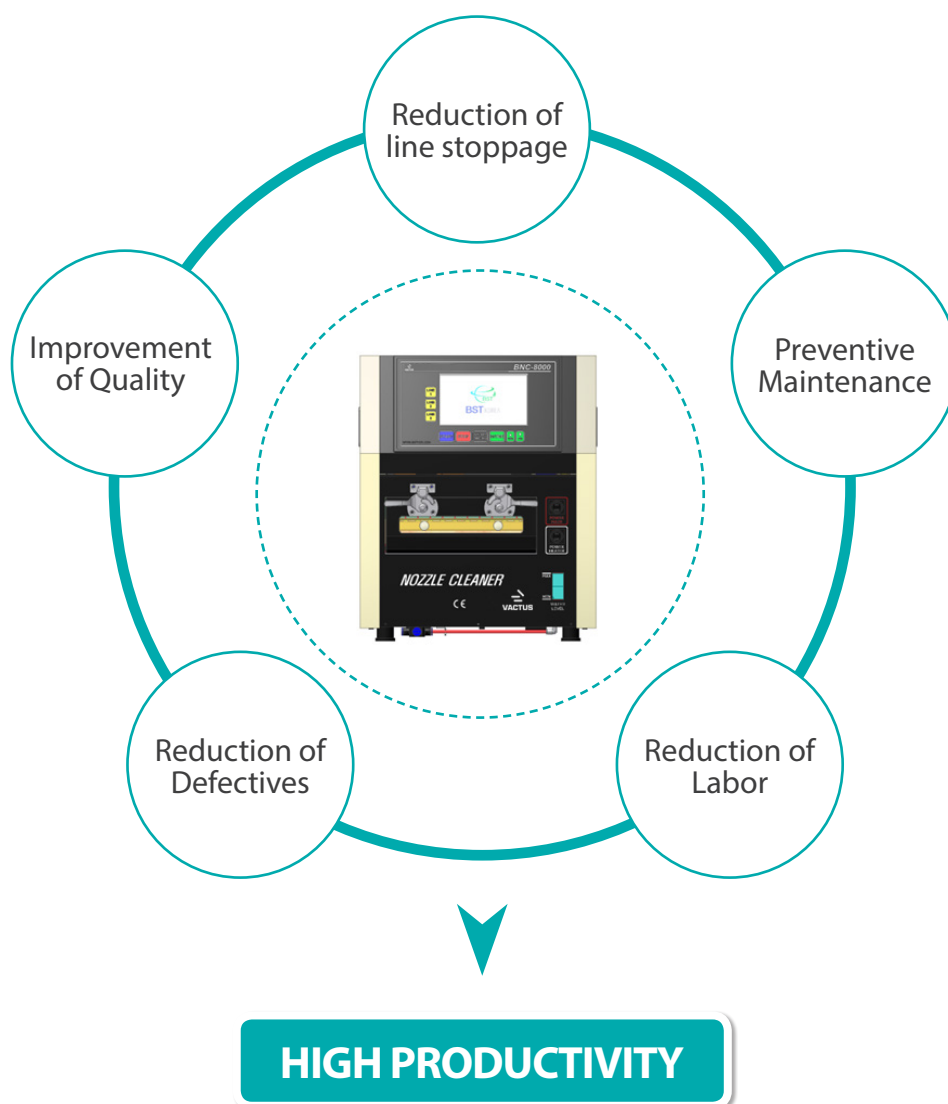
## ※ BEFORE AND AFTER CLEANING TEST

• Nozzle maker : Samsung SM(0603)

• Nozzle conditions : After 2weeks form applying solder cream to nozzle hole and tip

Before							
Conditions	BNC-8000 (30pcs Nozzles)			Tip cleaning : 120sec Inside cleaning : 40sec Tip drying : 80sec Inside drying : 60sec <hr/> Total cleaning time : 5min		Only Warm water	
After							

## EFFECT



### The best choice for achieving high productivity

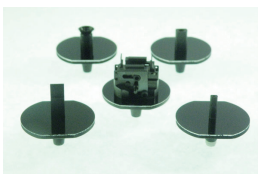
- High Quality & Preventive maintenance
- Low Labor-cost & Short cleaning-time
- Less defectives & line-stoppage

#### ※ CERTIFICATE

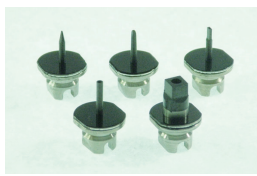
Type	ID No.	Description	Date of registration	Certificate Authority
Patent	10-2015-0124248	Nozzle cleaning device	May. 02, 2016	KIPO (Korea Intellectual Property Office)
CE	TA 380 15 02394	BNC-8000 Machinery Directive 2006/42/EC, Annex I (Essential Health and safety requirements)EN ISO 12100:2010, EN60204-1:2006 / A1:200915-00048CEU-SET-01	Aug. 07, 2015	TUV

# NOZZLE

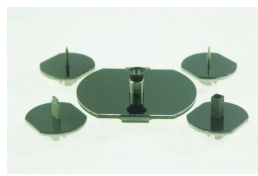
Panasonic



DT401



CM602



CM402

Juki

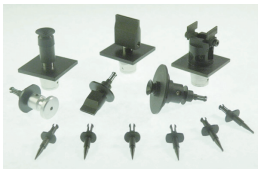


FX1/3, KE2050 - KE2080

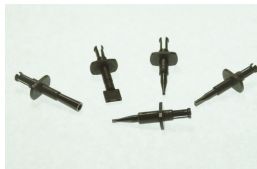


KE2010 - KE2040

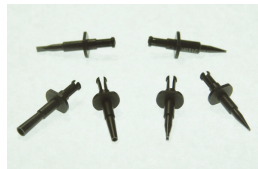
Hitachi



Multi-NOZZLE(Σ-G4, Σ-G5)



Σ-G4, Σ-G5



GXH-31, GXH-1

Sony

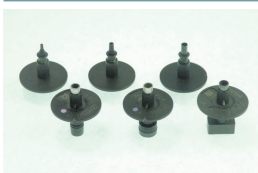


F-130



F-1000

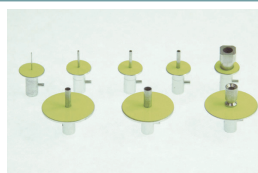
Fuji



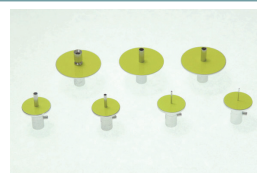
NXT-H04



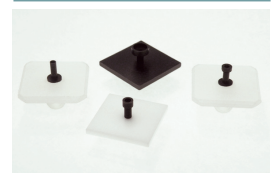
NXTH08/H12



C7, CP8-Series



CP6-Series

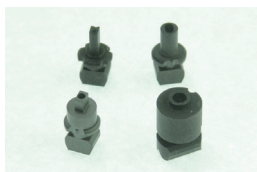


YCM-3300(3500)

Yamaha



YV100X



YV88XG



YS12(24)\_YG12\_YF12

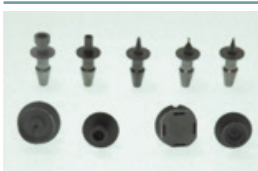


YG100RB



CP40L-V

Yamaha



CP45F-V



CP45



MX310



MX240(QP TYPE)



M1, M4

I-Pulse



# SMT NOZZLE CLEANER

*Contact us*



**KNOCKING EDINS**  
**KNOWING SOLUTIONS**

