Clean environment
for high productivity

VACTUS

SMT NOZZLE CLEANER

EDINS
Electronic Device International Network Solution

VACTUS

Innovation of Productivity with

SMT Nozzle Cleaner

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

VACTUS **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/C㎡	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/C㎡	AC 100-240V~ 50/60Hz, 3A

PROCESS

Start

Top Cleaning

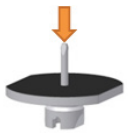
Bottom Cleaning

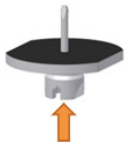
Top drying

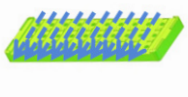
Side drying

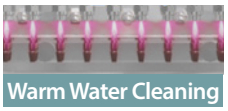
Bottom drying

End









• Spraying warm water with the high-pressure
– cleaning Nozzle tip and reflecting plate

• Spraying warm water with the high-pressure
– cleaning Inside of Nozzle

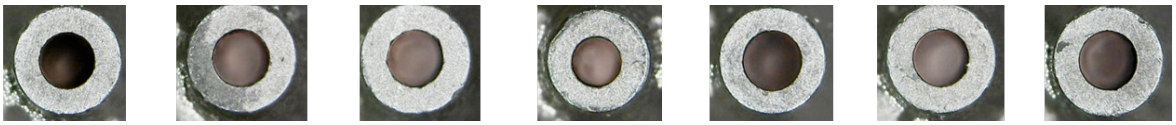
• Blowing air with the high-pressure
– drying Nozzle tip and reflecting plate

• Blowing air with the high-pressure
– drying holder and side of Nozzle

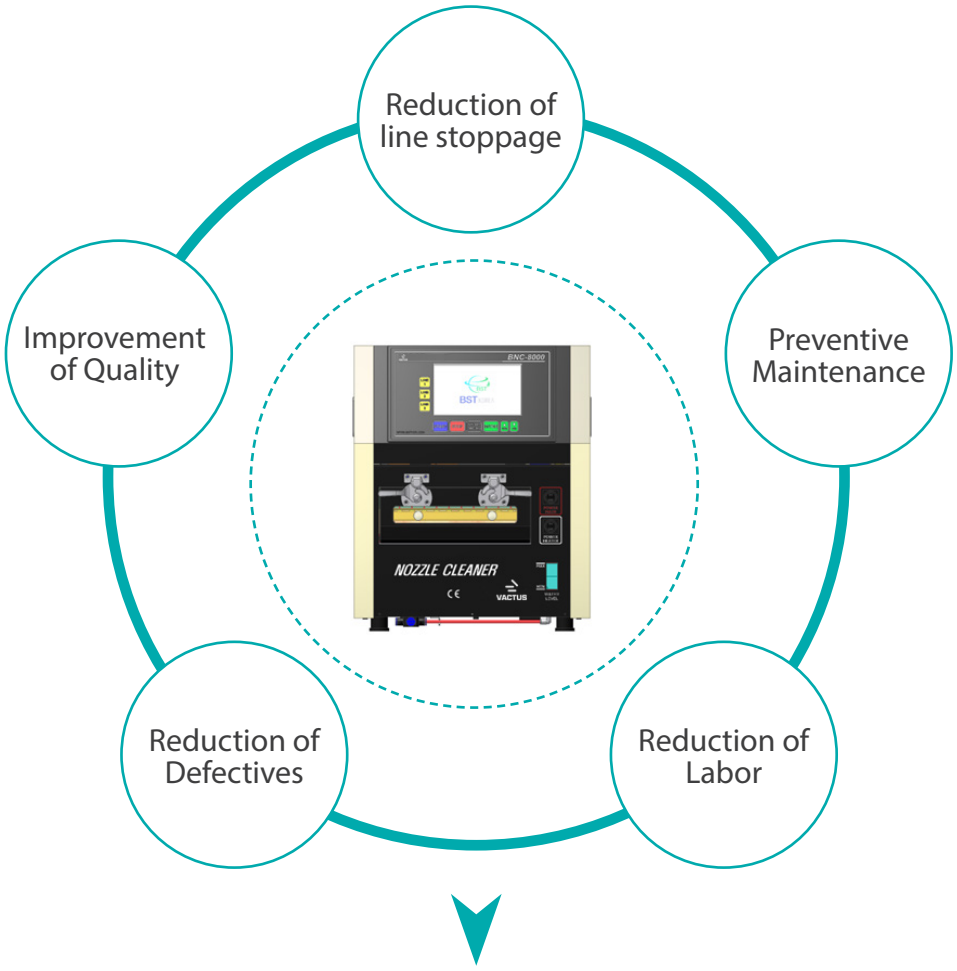
• Blowing warm air with the high-pressure
– drying Inside of Nozzle, holder and cleaning room

※ BEFORE AND AFTER CLEANING TEST

*** Test conditions**
• **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 **Total cleaning time : 5min**	Only Warm water
After			

EFFECT



HIGH PRODUCTIVITY

The best choice for achieving high productivity

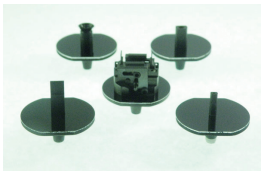
- High Quality & Preventive maintenance
- Low Labor-cost & Short cleaning-time
- Less defectives & line-stoppage

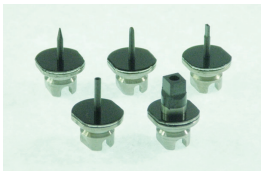
※ CERTIFICATE

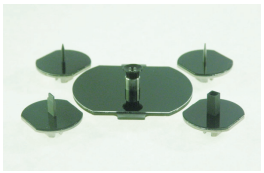
Type	ID No.	Description	Date of registration	Certificate Authority
Patent	10-2015-0124248	Nozzle cleaning device	May. 02, 2016	KIPO (Korea Intellectual Property Office)
CE	TA 380 15 02394	BNC-8000 Machinery Directive 2006/42/EC, Annex I (Essential Health and safety requirements)EN ISO 12100:2010, EN60204-1:2006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

NOZZLE

Panasonic


DT401


CM602

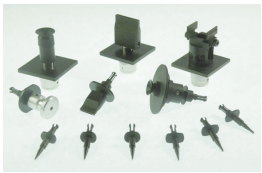

CM402

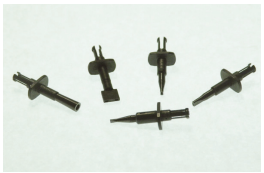
Juki

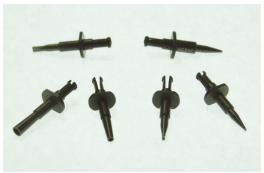
FX1/3, KE2050 – KE2080

KE2010 – KE2040

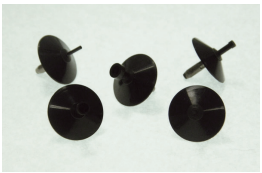
Hitachi

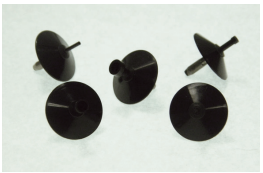

Multi-NOZZLE(Σ-G4, Σ-G5)


Σ-G4, Σ-G5


GXH-31, GXH-1

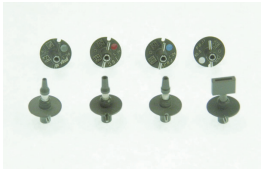
Sony

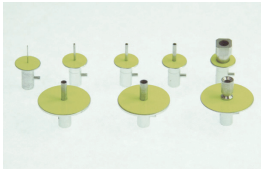

F-130


F-1000

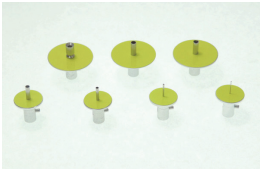
Fuji

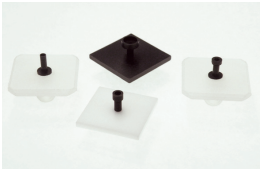
NXT-H04


NXTH08/H12

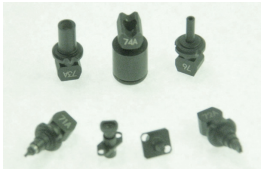

C7, CP8-Series

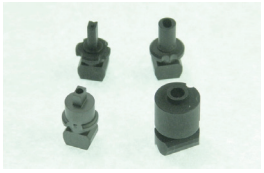
Casio


CP6-Series

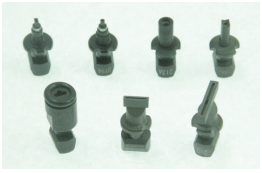

YCM-3300(3500)

Yamaha


YV100X

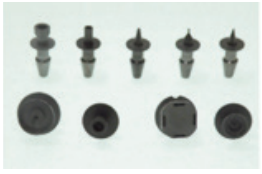

YV88XG

YS12(24)_YG12_YF12


YG100RB

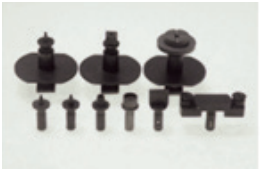
CP40L-V

Yamaha


CP45F-V

CP45

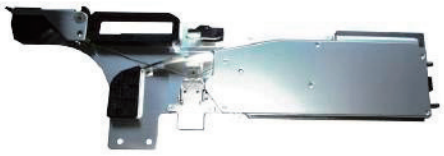
MX310


MX240(QP TYPE)

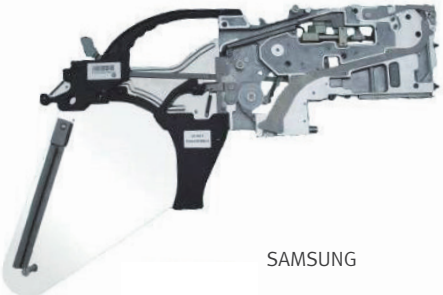
I-Pulse

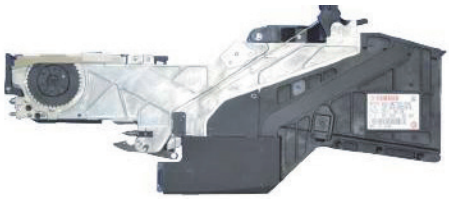
M1, M4

SMT MOUNTER FEEDER


FUJI

PANASONIC


SAMSUNG


YAMAHA

VACTUS

SMT NOZZLE CLEANER

Contact us

1. Germany

- **RPtec Leiterplattentechnologie**
- **Contact** : Mr. Rüdiger Pauls
- **Tel** : +49 5109 / 68925-73
- **E-Mail** : r.pauls@rptec.de
- **Address** : Jahnstrasse 23 B D-30974 Wennigsen / Bredenbeck Germany

2. Korea

- **EDINS Co., LTD**
- **Contact** : Mr. N.K.CHUNG
- **Tel** : +82-31-413-4892
- **E-Mail** : nkchung@edins.net
- **Address** : #713 ShinyangTown, 706-1 Gojan Dong Danwon Gu, Ansan City, Korea

3. USA

- **Circuit Solutions LLC**
- **Contact** : Mr. Todd Werner
- **Tel** : +1-952-545-6141
- **E-Mail** : mail@circuitsol.com
- **Address** : 3012 Cedar Crossing Minnetonka, MN 55305, USA

www.vactus.net

KNOCKING EDINS
KNOWING SOLUTIONS