



Smartlink-SMT

BNC-8000

SMT Nozzle Cleaner

Functional, clean nozzles for maximum efficiency and productivity



Maximum performance for your SMT production

Dirty SMT nozzles lead to component drops, reduced output, time loss, and machine downtime - often unnoticed until it's too late. The SMT Nozzle Cleaner cleans your placement nozzles quickly, softly, and fully automatically using only distilled water.

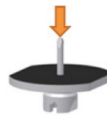
It ensures error-free production processes, prevents gradual output reduction, and extends the lifespan of your SMT nozzles. This saves you time and, ultimately, money.

Secure maximum efficiency and precision for your system and boost your revenue!

CLEANING PROCESS

1. Top cleaning

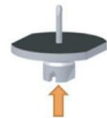
The **nozzle tip** is softly cleaned with warm distilled water and high pressure.



Duration: 120s

2. Bottom cleaning

The **inside of nozzle** is softly cleaned with warm distilled water and high pressure.



Duration: 40s

3. Top drying

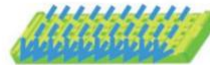
Blowing air with high pressure for drying **nozzle tip** and reflecting plate



Duration: 80s

4. Side drying

Blowing air with high pressure for **drying holder** and **side of nozzle**.



Duration: 60s

5. Bottom drying

Blowing warm air with high pressure for drying **inside of nozzle, holder** and **cleaning room**.



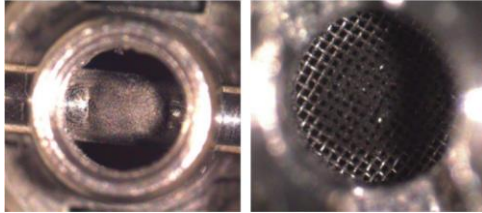
The total cleaning time for **30 SMT nozzles** is just **5 minutes**.

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- **Constant output:**
Avoidance of component drops or incorrect placements.
- **Higher production quality:**
Clean nozzles for precise results and fewer rejects.
- **Cost savings:**
Fewer failures, less wear and reduced reworking.
- **Time efficiency:**
Fully automatic cleaning saves valuable resources.
- **Sustainability:**
Soft on components and environmentally friendly - **without** aggressive chemicals.

Cleaning test- without chemical additives!

Before cleaning



Test conditions:

- **Nozzle Maker:** Panasonic
- **Nozzle conditions:** Placement nozzle contaminated by solder paste after approx. 2 weeks of use.

After cleaning



Technical data: BNC-8000

General

Capacity:	30 nozzles per cycle
Duration time of a cleaning cycle:	approx. 5 minutes
Cleaning medium:	Only DI water and high pressure
Measures (width x length x height):	420 mm x 450 mm x 500 mm
Weight:	41 Kg
Permissible air pressure:	7 kgf/Cm ²
Voltage, frequency and AMP:	AC 100-240V~ 50/60Hz, 3-6A

Certificates

Type	ID-Number	Description	Date of registration	Certificate authority
Patent	10-2015-0124248	Nozzle cleaning device	May, 2 nd , 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	August, 7 th 2015	TÜV