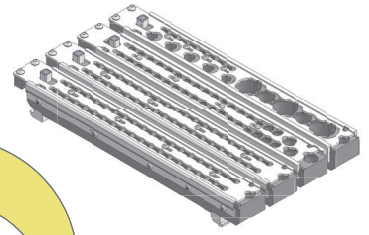


Nozzle Cleaning Inspection Machine

SCI-EZY



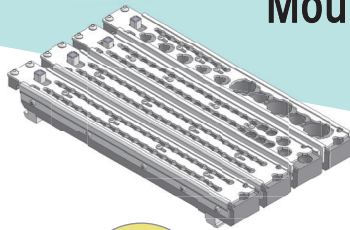
Set Nozzle Holder
DIRECTLY

YAMAHA
YRM20

3 in 1
Cleaning
Inspection
Traceability



Set back to
Mounter **ONLY**



STEP
01



Clean with
Ultrasonic +
Vacuuming

STEP
02



Inspection (some
are Optional) find
defective nozzles

STEP
03



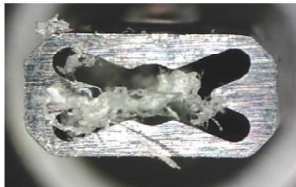
Traceability system
for each nozzle

Save more than 150 mins!
compared to handwork

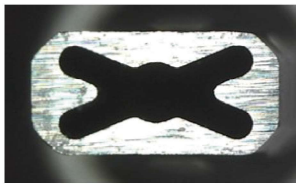
Set Nozzle holder and
Press start button
Full automatic!

》》 Cleaning effect

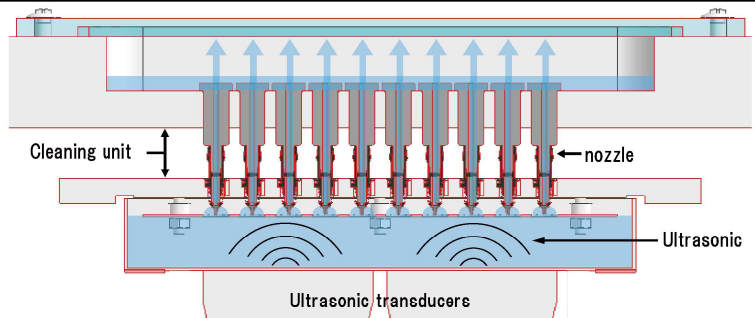
Before



After



》》 Cleaning mechanism

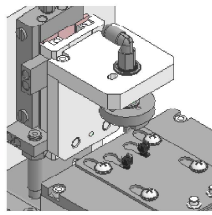


Ultrasonic vibrated water thoroughly passes through every nozzle hole. Nozzle tips and holes can be cleaned perfectly without leaving any residues adhered inside the nozzles.

》》 Inspection

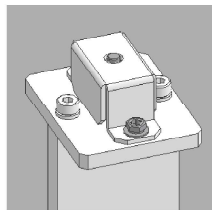
Air pressure inspection

Inspect the nozzle clogging by air pressure.



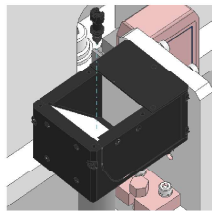
Sliding inspection (Optional)

Inspect the nozzle sliding failure by measurement load.



Camera Inspection (Optional)

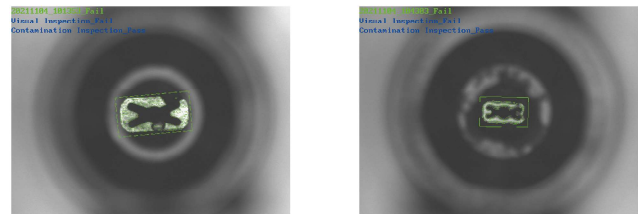
Inspect the residues adhered inside the nozzles by Image recognition. Images are saved on management PC



Management PC screen



"Cleaning history", "inspection result" and "inspection image" are linked to the nozzle ID and stored in management PC.



Defective nozzle

》》 Specification

Model	SCI-EZY
Dimension	W 800 D 800 H 1,500mm (incl. signal tower H 1,902mm)
Weight	approx. 290kg (Dry weight)
Power	AC100~240V
Ultrasonic	Frequency 38±4kHz Output 60W
Air	0.45MPa 350NL/min
nozzle holder	1~4 (For 1 mounter)
Available nozzle	80 series (not available for QFP and large parts)
Applicable standard	CE (RoHS2)
Takt time	less than 62mins (less than 80mins for additional buffing/camera inspection)

Specifications are subject to change without notice. 2022.05

Manufacturer

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**SUSTAINABLE
DEVELOPMENT
GOALS**

SAWA Corporation supports the Sustainable Development Goals (SDGs).

CLG-0002