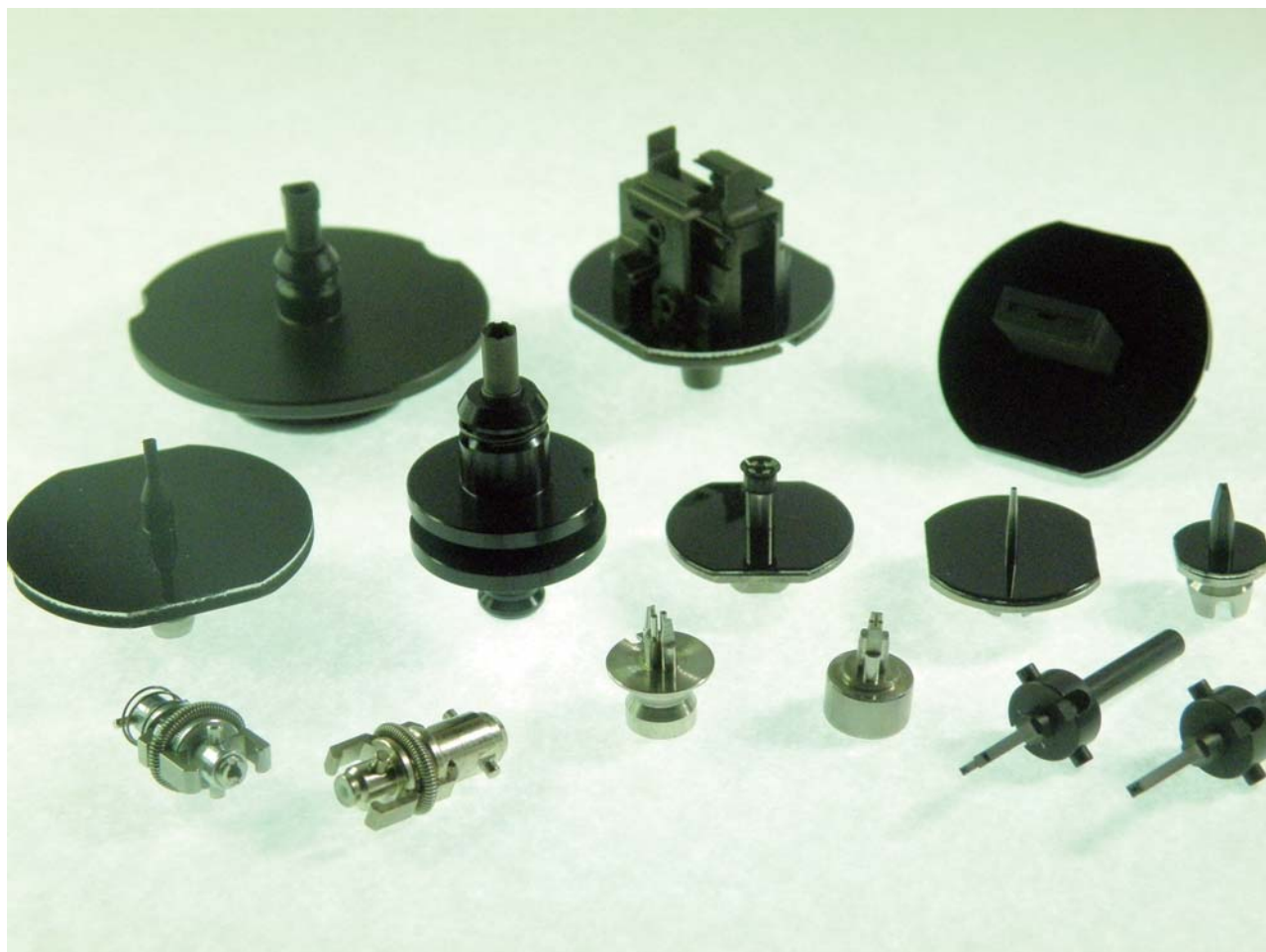




NPM-2HEAD, 3HEAD(CM20F, DT401)

PART NO.	PART NAME.
0603	1582 (1582N)
KXFW1ASAA00	1001 (1001N)
KXFW1ATAA00	1002 (1002N)
KXFW10YAA00	1003 (1003N)
KXFW1AUAA00	1004 (1004N)
KXFW1AVAA00	1005 (1005N)

NPM-8HEAD(CM402)

PART NO.	PART NAME.
N610038265AA	256C(203Z)
N610000995AA	205A
101YC0-K0201	210A
N610040782AB	225C
N610040783AB	226C
N610040784AB	230C
N610040782AB	235C
N610062681AB	240C

NPM-12HEAD, 16HEAD(CM602)

PART NO.	PART NAME.
N610038265AA	256CS(203ZN)
N610017370AC	205CS
N610040786AA	225CS
N610040787AA	226CS
N610040788AA	230CS
N610043815AA	235CS
N610040853AA	240CS

BM series (MSF)

PART NO.	PART NAME.
1086GH810AA	SX
10807GH811AG	SA
10807GH812AG	S
10807GH813AF	M
10807GH814AF	ML
10807GH815AF	LA

AM100K

HT-122, HT-132 (MSR)

MV series

MSH2, MSH-G1

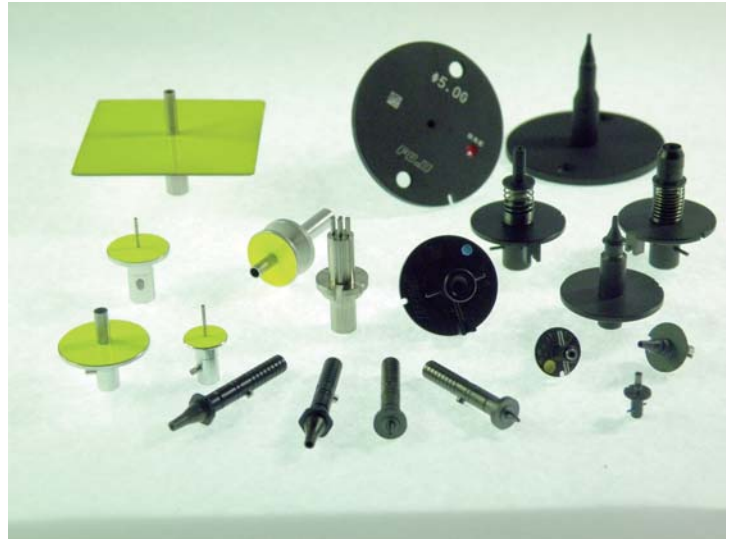
MSH3

MPAG3, MPAV2B

SMT NOZZLE - FUJI

CP7, CP8

PART NO.	PART NAME.
R08-004	φ 0.4 (STRAIGHT)
808-004C	φ 0.4 (TAPER, CORONA)
ADCPH-9520	φ 0.7
ADCPH-9530	φ 1.0
ADCPH-9540	φ 1.3
ADCPH-9700	φ 1.3 MELF
ADCPH-9550	φ 1.8
ADCPH-9560	φ 2.5
ADCPH-9800	φ 2.5 MELF
ADCPH-9570	φ 3.75



CP4

CP6

XP141

XP142, XP143

XP 242, XP243, XP341

NXT 12HEAD

PART NO.	PART NAME.
AA1AT00	φ 0.3
AA05600	φ 0.4
AA05700	φ 0.7
AA05800	φ 1.0
AA20A00	φ 1.3
AA06400	φ 1.3 MELF
AA20B00	φ 1.8
AA19G00	φ 1.8 MELF
AA20C00	φ 2.5
AA20D00	φ 3.75

NXT 01HEAD, 02HEAD

NXT 04HEAD

NXT AIM 08HEAD

NXT-III

SMT NOZZLE - I-PULSE



M6, M7, M10, M20

PART NO.	PART NAME.
LC6-M7712-00	P031
LC6-M7114-00	P032
LC6-M7716-00	P033
LC6-M7718-00	P034

M1, M4

M2



YV100X, YV100X-F

PART NO.	PART NAME.
KV8-M7710-A0X	71A
KV8-M7720-A0X	72A
KV8-M7730-A0X	73A
KV8-M7740-A0X	74A
KV8-M7760-A0X	76A
KV8-M7790-A0X	79A
KV8-M71N1-A00	71F
KV8-M71N2-A00	72F
KV8-M71N3-A00	73F

YS12/24, YG12, YF12(MG3)

PART NO.	PART NAME.
KHN-M7710-A1X	301
KHN-M7720-A1X	302
KHY-M7740-A0X	303
KHY-M7750-A0X	304
KHY-M7760-A0X	305
KHY-M77A0-A0X	310
KHY-M7710-A0X	311
KHY-M7720-A0X	312
KHY-M7730-A0X	313

YG100R/B, MG1/8

YG200, YG300

YV88, YV100II

YV88XG, YV88XG-F

I-CUBE series

YSD

SMT NOZZLE - ASSEMBLEON (PHILIPS)

ASSEMBLEON AX-5

ASSEMBLEON MG-3, MC-1/3

ASSEMBLEON MG-1,8

ASSEMBLEON TOPAZ-XII

ASSEMBLEON OPAL-XII

ASSEMBLEON EMERALD-XII

ASSEMBLEON TOPAZ, EMERALD



KE2010 ~ KE2040

PART NO.	PART NAME.
E3608-729-0A0	500
E3600-729-0A0	501
E3601-729-0A0	502
E3602-729-0A0	503
E3603-729-0A0	504
E3604-729-0A0	505
E3605-729-0A0	506
E3606-729-0A0	507
E3607-729-0A0	508



KE2050 ~ KE2080, FX1/3

PART NO.	PART NAME.
E3608-729-0A0	500
E3600-729-0A0	501
E3601-729-0A0	502
E3602-729-0A0	503
E3603-729-0A0	504
E3604-729-0A0	505
E3605-729-0A0	506
E3606-729-0A0	507
E3607-729-0A0	508

KE750

PART NO.	PART NAME.
E3501-721-0A0	101
E3502-721-0A0	102
E3503-721-0A0	103
E3504-721-0A0	104
E3505-721-0A0	105
E3551-721-0A0	106

SMT NOZZLE - MIRAE



MX310, MPS-1010, MPS-1020

PART NO.	PART NAME.
21003-61090	A
21003-62090	B
21003-63090	C
21003-64090	D

MX240, MPS-1020QP (PRECISION(QP))

PART NO.	PART NAME.
21243-61090-003	A
21243-62090	B
21243-63090	C
21243-64090	D



GXH - 1/3 (HIGH SPEED)

PART NO. PART NAME.

630 152 8267	HG31 (TENSION TYPE)
630 152 8472	HG51 (TENSION TYPE)
630 158 9084	HG81 (TENSION TYPE)
630 152 8267	HV31, HV32, HV33
630 152 8472	HV51, HV52, HV53
630 158 9084	HV81, HV82, HV83

ΣG-4/5, GXH-1/3(MULTI NOZZLE)

Σ-G4/5 (HIGH SPEED)

PART NO. PART NAME.

HG21C	HG21C (TENSION TYPE)
HG31C, HG32C	HG31C (TENSION TYPE)
HG51C, HG52C	HG51C (TENSION TYPE)
HG81C, HG82C	HG81C (TENSION TYPE)
	HV31C, HV32C
	HV51C, HV52C
	HV81C, HV82C

TCM - 1000

TCM - 3000

TCM - 822

SMT NOZZLE - SAMSUNG

(HANHWA TECHWIN)

SM SERIES, CP45-NEO

PART NO. PART NAME.

J9055133D	CN030
J9055134C	CN040
J9055136C	CN065
J9055159C	CN140
J9055257A	CN220
J9055258A	CN400
J9055259A	CN750

EXCEN VN

PART NO. PART NAME.

AM03-000152A	VN020 (0402)
AM03-000153A	VN030 (0603, 1005)
AM03-000154A	VN040 (1005, 1608)
AM03-000071A	VN065 (1608, 2012)
AM03-007248A	VN080 (2012)
AM03-000072A	VN140 (2012~3225R)
AM03-000073A	VN220 (3225, 5432)



CP45F-V

CP40L-V

SMT NOZZLE - CASIO



YCM-3300, YCM-3500

YCM-7000, YCM-7700, YCM-8800

SMT NOZZLE - ASM



CP20

CPP

400 SERIES

500 SERIES

700 SERIES

900 SERIES

1000 SERIES

2000 SERIES

SMT NOZZLE - ASM



F-130

E-1000

E-2000

G200MK

SIG-200

SHAFT & HOLDER



RUBBER BLOCK





PANASONIC
FUJI
SAMSUNG (HANHWA)
YAMAHA
JUKI
HITACHI

FEEDER PART

PANASONIC	YAMAHA	HITACHI	JUKI
FUJI	SONY	SIEMENS	CASIO
HANWHA TECWIN (SAMSUNG TECWIN)	ASSEMBLEON	MIRAE	I-PULSE

JOINT TAPE & CLIP

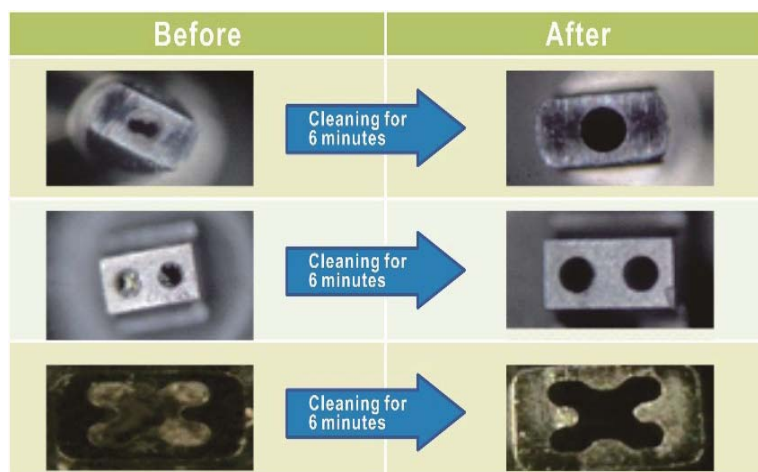


1BOX = 500EA



1BOX = 5000EA

ENC-12S, ENC-24S



Cleaning Process



Features of Nozzle Cleaner

The effect of Carbon reduction by using distilled water

Possible to clean 12/24 nozzles at the same time

Easy to operate with touch panel

Reduce the time to change the nozzle by using the nozzle holder



NOZZLE INSPECTION (ENI-12A, ENI-12AP)

NAME	ENI-12A	ENI-12AP
Dimension	Nozzle Inspection System	
Size	400(L) × 300(W) × 500(H)	
CCD Camera	1/3" sony	
Monitor	7 inch	
Optical Magnification	0.7 × ~ 4.5 ×	
Working Distance	110mm	
Maximum Magnification	Max 130 times	
Pneumatic	Min 4kgf/cm ²	
Voltage	110V/60Hz or 220V/50Hz	
Weight	9kg	
Image Store	Impossible	Possible(PC)



CLEANING ROLL PAPER MACHINE

(SC-ER360, SC-ER610F, SC-ER610FA)



Protect valuable resource and energy!

You can re-use wiper rolls for printing machine!

You can contribute to environment and manament!



Solder particle(Diameter about 25 μ m)

Before



Magnification 200x

After



Paper Easy Setting

Specifications

	SC-ER360WE	SC-ER610F	SC-ER610FA
Dimension	W850 x D650 x H1,100mm	W850 x D850 x H1,100mm	W850 x D850 x H1,100mm
Weight	100kg(Dry Weight)	130kg(Dry Weight)	140kg(Dry Weight)
Cleaning Object	Cleaning Wiper Roll	Cleaning Wiper Roll	Cleaning Wiper Roll
	Width 410~250mm	Width 410~250mm	Width 610~250mm
	Inner Diameter φ38mm	Inner Diameter φ38mm	Inner Diameter φ38mm
Power	AC 100V 50 / 60Hz 250VA	AC 100V 50 / 60Hz 250VA	AC 100V 50 / 60Hz 250VA
Ultrasonic	40khz 300W(alternate generation)	40khz 300W(alternate generation)	40khz 300W(alternate generation)
Air	0.4MPa 500NL/min	0.4MPa 500NL/min	0.4MPa 500NL/min
Exhaust Time	Wind Speed 5m/sec	Wind Speed 5m/sec	Wind Speed 5m/sec
	Diameter φ98mm	Diameter φ98mm	Diameter φ98mm
Cleaning Time	※ 25~30Minutes/Roll(18m)	※ 25~30Minutes/Roll(18m)	※ 25~30Minutes/Roll(18m)
※ Solvent : Glycol, Wiper Roll : TS-100 made by Asahi Kasei ※ Cleaning time may vary in different condition			

CHIP COUNTER (BSC-1000)



BOSUNG ENG CO.,LTD.



POWER SUPPLY : 110 ~ 220 AC 50/60HZ
E N C O D E R : 200 PLUSE
COUNT SPEED : 0 ~ 5,000CPM (2 ~ 56mm)
D I S P L A Y : -9,999 ~ 99,999
D I M E N S I O N S : 450(L) X 280(W) X 220(H)
W E I G H T : 9KG
M O T O R : 15W

SOLDER MIXER (BSM-1200)

MIXING METHOD : ROTATION

REVOLUTION METHOD

TIMER SETTING : 1sec ~ 999 min

ROTATION SPEED : 1,200RPM

D I M E N S I O N S : 370(L) X 370(W) X 370(H)

W E I G H T : 28 kg

