

Type	NA74A	NS0ZA	ND36A	ND32C	NL36A	NL30A	NL16A	NL17A	NL18A	ND32B	NE18A	NE12A	NEXTA	NEPTA	NC03B
Capacity	74	36	36	32	36	30	16	16	18	32	18	12	24	16	3
Used with head type	H24G	V12 / H12HS (Q) / H08 (Q)			H08M (Q)				H08 (Q)		H04SF / H04S / H04				H02F / H02 / H01
Used with module type	M3 III / M3 IIIc	○	—	○	○	—	—	—	—	○	○	—	—	—	○
	M6 III / M6 IIIc	○	—	○	○	○	○ ^{*2,4}	○ ^{*2,4}	○ ^{*2}	○	○	○ ^{*2,4}	○ ^{*2}	○ ^{*2}	○
	AIMEX II	—	○ ^{*1}	○	○	○	○ ^{*2,4}	○ ^{*2,4}	○ ^{*2}	—	—	—	—	—	NC03C
	AIMEX IIS	—	—	○	○	○	○ ^{*2,4}	○ ^{*2,4}	○ ^{*2}	—	—	—	—	—	NC03C

Type	NC08B	NC8LB	NCPTA	NCFTA	NCKTA	NCETB	NK08A	NK15A	NK12A	NK13A	NF08A	NF07A	NF05A	NFKTB	NFDTA
Capacity	8	8	16	6	11	5	8	16	12	12	8	7	5	11	4
Used with head type	H02F / H02 / H01					G04 (Q) F / G04 (Q)					OF				
Used with module type	M3 III / M3 IIIc	—	—	—	—	—	○	—	—	—	—	—	—	—	—
	M6 III / M6 IIIc	○	○ ^{*2,4}	○ ^{*2,5}	○ ^{*3,5}	○ ^{*2}	—	○	○ ^{*2,4}	○ ^{*3}	○	○ ^{*2}	○ ^{*2,4}	○ ^{*2}	○ ^{*3}
	AIMEX II	NC08C	NC8LC ^{*2,4}	NCPTC ^{*2,5}	NCFTC ^{*3,5}	NCKTC ^{*2}	NCETC ^{*3}	—	—	—	○	○ ^{*2}	○ ^{*2,4}	○ ^{*2}	○ ^{*2}
	AIMEX IIS	NC08C	NC8LC ^{*2,4}	NCPTC ^{*2,5}	NCFTC ^{*3,5}	NCKTC ^{*2}	NCETC ^{*3}	—	—	—	○	○ ^{*2}	○ ^{*2,4}	○ ^{*2}	○ ^{*2}

Type	NB23A	NB21A	NB22A	NB20A	NB14A	NB16A
Capacity	R12	27	24	—	—	27
	S4	12	—	13	8	12
	S1	8	7	6	7	4
Used with head type	DX					
Used with module type	M3 III / M3 IIIc	—	—	—	—	—
	M6 III / M6 IIIc	○	○ ^{*2}	○ ^{*2}	○ ^{*2}	—
	AIMEX II	○	○ ^{*2}	○ ^{*2}	○ ^{*2}	—
	AIMEX IIS	○	—	—	—	○ ^{*2}

*1: When using V12 (V - Advance).
 *2: When using tray unit-LT / LTC / LTW.
 *3: When using tray unit-LT / LTC / LTW with the coplanarity check unit.
 *4: When using two tray unit-Ms.
 *5: Some mechanical chucks cannot be stored in the nozzle station due to their size and shape.



NXT Series / AIMEX Series Placement Heads

Options

• Head Maintenance Stand

A stand to secure the placing head when performing head maintenance.



• Auto Head Cleaner

This unit cleans heads offline quickly with great results every time. It also performs inspection automatically after cleaning.
 (H24 (G), V12, H12HS (Q), H08 (Q), H08M (Q), H04SF, H04S, H04)



• Advanced Head Maintenance

Displays maintenance guidance for placement heads.

- Maintenance warnings
- Head placement count and error rate
- Maintenance history

*Fujitrac Verifier is required for Advanced Head Maintenance.
 Fujitrac: Placement process management system (software)

• Smart Nozzle Cleaner

Automates nozzle cleaning, inspection, and setting. Nozzles can be automatically set from the storage section of the unit based on the next production program.



• Brush Units

This unit cleans marks on nozzles and heads to reduce vision processing problems.

■ Feeder Type

Machines	NXT Series, AIMEX II Series
Placing heads	H24 (G), V12, H12HS(Q), H08(Q)
Occupied slots	2
Items cleaned	Standard nozzles ^{*1} , Head marks

*1: Custom nozzles such as MELF nozzles are not supported. However, bare die nozzles can be cleaned by the unit.



■ Station Type

Machines	NXT Series
Placing heads	H24 (G), V12, H12HS(Q), H08(Q)
Nozzle stations	NA74A, ND36A
Items cleaned	Standard nozzles ^{*1} , Head marks

*1: Custom nozzles such as MELF nozzles are not supported. However, bare die nozzles can be cleaned by the unit.



• Auto nozzle cleaner II

Can clean up to 48 nozzles at a time. Easy to operate and provides tough cleaning for dirt inside nozzles.



NXT III
Fuji Scalable Placement Platform



NXT IIIc
Fuji Scalable Placement Platform



AIMEX III











































AIMEX IIIs



NXT Series / AIMEX Series Placement Heads

Placement Heads

	H24G	V12	H12HS	H12HSQ	H08M	H08MQ	H08	H08Q	H04SF	H04S	H04	H02F	H02
Type													
													
Number of nozzles	24	12			8		8		4			2	
Part size (mm)	0201 (008004") to 5.0 x 5.0 ^{*1} Height: 2.0	0402 (01005") to 7.5 x 7.5 ^{*1} Height: 3.0			0603 (0201") to 45 x 45 ^{*1} Height: 13		0402 (01005") to 12 x 12 ^{*1} Height: 6.5		1608 (0603") to 38 x 38 ^{*1} Height: 6.5 Height: 6.5 Height: 9.5			1608 (0603") to 74 x 74 (32 x 180) ^{*1} Height: 25.4	
Part presence check function	<input type="radio"/>	<input type="radio"/>	-	<input type="radio"/>	-	<input type="radio"/>	-	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flying vision	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	<input type="radio"/>	-
Used with module type	M3 III / M3 IIIc	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	M6 III / M6 IIIc	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	AIMEX II / AIMEX IIS	-	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	<input type="radio"/>	<input type="radio"/>

	H01	G04F	G04	G04QF	G04Q	OF	GL	DynaHead (DX)			
Type											
											
Number of nozzles	1	4				1 (or 1 claw)	1 (Needle)	12	4	1	
Part size (mm)	1608 (0603") to 74 x 74 (32 x 180) ^{*1,3} Height: 25.4	0402 (01005") to 15 x 15 Height: 6.5				1608 (0603") to 74 x 74 (32 x 180) ^{*3,4,5} Height: 25.4		0402 (01005") to 7.5 x 7.5 ^{*4,6} Height: 3	1608 (0603") to 13 x 13 Height: 6.5	1608 (0603") to 74 x 74 (32 x 100) Height: 25.4	
Part presence check function	<input type="radio"/>	<input type="radio"/>	-	<input type="radio"/>	<input type="radio"/>	-	-	<input type="radio"/>	-	<input type="radio"/>	
Flying vision	-	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	-	-	
Used with module type	M3 III / M3 IIIc	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	<input type="radio"/>	-	-	-	
	M6 III / M6 IIIc	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	AIMEX II / AIMEX IIS	<input type="radio"/>	-	-	-	-	<input type="radio"/>	-	<input type="radio"/>	<input type="radio"/>	

*1: The maximum part size depends on the nozzle operation.

*2: When the part presence sensor function (option) is being used, part sizes are from 1608 (0603") to 13 x 13 mm. (Up to 15 x 15 mm for 2-nozzle operation.)

*3: Up to 32 x 162 mm for the NXT series.

*4: The maximum part size depends on the camera type.

*5: Includes leads.

*6: Part height up to 3 mm when using the IPS.