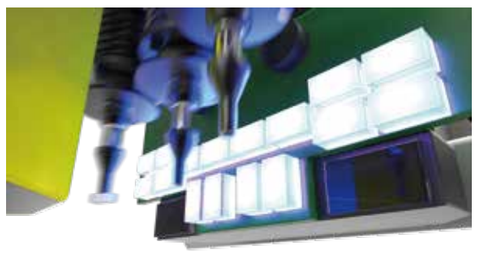
Simple, tool-free head exchange

Fuji's light and compact heads allow for on-the-spot exchange for work such as maintenance or recovery, which needs to be performed fast and efficiently.With its thoroughly tool-free design, it is easy for operators of any skill level to perform head exchange.

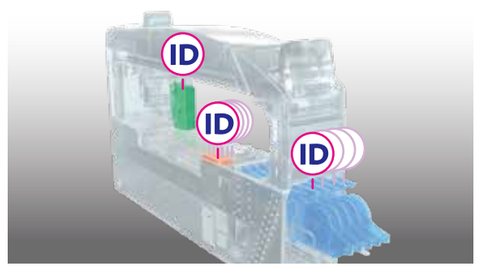
Multiple checks at full-speed (IPS)

This IPS can cater to a wide range of checks, from part pickup stance to parts remaining on nozzles, as well as upside-down checks for minimold parts.High-speed vision processing means that placement quality can be maintained without any drop in throughput.



Unit ID management

All units used in production, including heads, feeders, and individual nozzles, are managed by IDs, and the production information for these is stored in the database. This is useful for line management, maintenance, and traceability.



FUJI
innovative spirit

NXT series / AIMEX series
Heads

Maintenance

Auto Head Cleaner

This unit cleans heads offline quickly with great results every time.
It also performs inspection automatically after cleaning.

Advanced Head Maintenance

Displays maintenance guidance for heads.

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

* Nexim or Fujitrax Verifier is required.
Nexim: Integrated manufacturing system (software)
Fujitrax: Placement process management system (software)

Head Maintenance Stand

A stand to secure the head when performing head maintenance.

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 rogram.

Auto nozzle cleaner II

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

Brush Units

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

Feeder type

Station type

FUJI CORPORATION
19 Chausuyama, Yamamachi, Chiryu, Aichi, 472-8686 Japan
Tel: +81-566-81-2110
Fax: +81-566-83-1140

NXT series / AIMEX series Heads

IPS Intelligent Parts Sensor　VS Vacuum sensor　FS Fiber sensor　Fv Flying vision

(mm)

Head	H24S / H24A *1	V12	H12HS	H12HSQ	H08M	H08M Q	H04SF	G04F	G04FQ	H02F	H01
											
	IPS Fv NXT III / IIIc | M3(SE) M6　AIMEX III / IIIc	IPS Fv NXT III / IIIc | M3(SE) M6　AIMEX III / IIIc	Fv NXT III / IIIc | M3(SE) M6	IPS Fv NXT III / IIIc | M3(SE) M6	 NXT III / IIIc | M6　AIMEX III / IIIc	IPS NXT III / IIIc | M6　AIMEX III / IIIc	VS Fv NXT III / IIIc | M3(SE) M6	FS Fv NXT III / IIIc | M3 M6	IPS Fv NXT III / IIIc | M3 M6　AIMEX III / IIIc	VS Fv NXT III / IIIc | M3 M6　AIMEX III / IIIc	VS NXT III / IIIc | M3 M6　AIMEX III / IIIc
Part size	0201 *2 | 5.0 x 5.0 *3	0402 | 7.5 x 7.5 *3	0402 | 7.5 x 7.5 *3	0402 | 7.5 x 7.5 *3	0603 | 45 x 45 *3	0603 | 45 x 45 *3	1608 | 38 x 38 *3	0402 | 15 x 15 *3	0402 | 15 x 15 *3	1608 | 74 x 74 (32 x 180) *3	1608 | 74 x 74 (32 x 162)
Part height	2.0	3.0	3.0	3.0	13.0	13.0	6.5	6.5	6.5	25.4	25.4

Head	H01V *4	OF	GL	DX				
					R12	R4	S1	Glue tool *9
								
	VS NXT III / IIIc | M6	 NXT III / IIIc | M6　AIMEX III / IIIc	 NXT III / IIIc | M3 M6		IPS Fv NXT III / IIIc | M6　AIMEX III / IIIc	Fv NXT III / IIIc | M6　AIMEX III / IIIc	VS Fv NXT III / IIIc | M6　AIMEX III / IIIc	 AIMEX III / IIIc
Part size	1608 | 74 x 74 (32 x 162)	1608 | 74 x 74 (32 x 162) *5, 6			0402 | 7.5 x 7.5 *3	1608 | 15 x 15 *3	1608 | 102 x 102 (32 x 100)	
Part height	25.4	38.1 *7			3.0	6.5	25.4 *8	

*1: H24A is recommended when placing small CSPs (part size: 2.0 x 2.0 mm or smaller, part thickness: 0.300 mm or less, bump size: approx. 0.100 mm). This head can be loaded to NXT III and NXT IIIc modules.
*2: 0201 parts are 0.25 x 0.125 mm in size (008004").
3: The maximum part size depends on the nozzle operation.
*4: Modules must be modified.
*5: The maximum part size depends on the camera type.
*6: Includes leads.
*7: Placing parts that are taller than 25.4 mm on NXT III and NXT IIIc machines is supported as an option.
*8: When the part size exceeds 74 x 74 mm or 32 x 100 mm and the diagonal size exceeds 105 mm, the maximum part height is 11.2 mm.
*9: Glue application support is an option item.