

## 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.

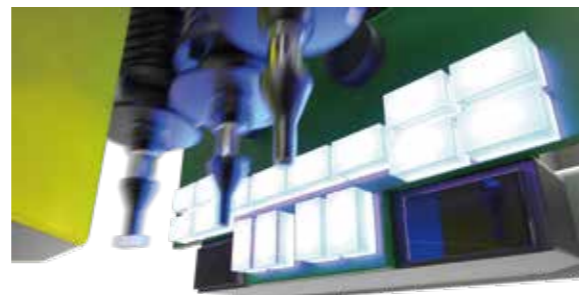
With its thoroughly tool-free design, our system makes it easy for operators of any skill level to perform head exchange.



## 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.



## Options

### Auto Head Cleaner

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

(H24S, H24G, H24, V12, H12HS(Q), H08(Q), H08M(Q), H04SF, H04S, H04)



### Advanced Head Maintenance

Displays maintenance guidance for heads.

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

\*Either Fujitrac Verifier or Nexim is required in order to use Advanced Head Maintenance.  
Nexim: Integrated manufacturing system (software)  
Fujitrac: 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 program.



### Brush Units

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

#### ■ Feeder Type

Machines	NXT series, AIMEX series
Heads	H24S, H24A, H24G, H24, DX, V12, H12HS(Q), H08(Q)
Occupied slots	2
Items cleaned	Standard nozzles <sup>*1</sup> , 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
Heads	H24S, H24A, H24G, H24, V12, H12HS(Q), H08(Q)
Nozzle stations	NA74A, ND36A, ND32C
Items cleaned	Standard nozzles <sup>*1</sup> , Head marks

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



# NXT series / AIMEX series Heads

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# NXT series / AIMEX series Heads














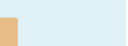







IPS Intelligent Parts Sensor

VS Vacuum sensor

FS Fiber sensor

Fv Flying vision

H24S / H24A <sup>*1</sup>	V12	H12HS	H12HSQ	H08M	H08MQ	H04SF	G04F	G04FQ	H02F	H01
										
										
										
0201   5.0 x 5.0 <sup>*2,3</sup>	0402   7.5 x 7.5 <sup>*2</sup>	0402   7.5 x 7.5 <sup>*2</sup>	0402   7.5 x 7.5 <sup>*2</sup>	0603   45 x 45 <sup>*2</sup>	0603   45 x 45 <sup>*2</sup>	1608   38 x 38 <sup>*2</sup>	0402   15 x 15 <sup>*2</sup>	0402   15 x 15 <sup>*2</sup>	1608   74 x 74 (32 x 180) <sup>*2</sup>	1608   74 x 74 (32 x 162) <sup>*2</sup>
t = 2.0	t = 3.0	t = 3.0	t = 3.0	t = 13.0	t = 13.0	t = 6.5	t = 6.5	t = 6.5	t = 25.4	t = 25.4

OF	GL	DX				
						
						
						
1608   74 x 74 (32 x 162) <sup>*4,5</sup>		0402   7.5 x 7.5 <sup>*2</sup>	1608   15 x 15 <sup>*2</sup>	1608   102 x 102 <sup>*7</sup> (32 x 100)		
t = 38.1 <sup>*6</sup>		t = 3.0	t = 6.5	t = 25.4		

\*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.

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

\*5: Includes leads

\*6: Placing parts that are taller than 25.4 mm on NXT III and NXT IIIc machines is supported as an option.

\*2: The maximum part size depends on the nozzle operation.

\*7: Up to 74 x 74 mm for the NXT series.

\*3: Applicable part size for AIMEX III and AIMEX IIIc is 03015 to 5.0 x 5.0 mm.

\*8: DX heads supporting the glue tool are required.