



SIMPLE.
FAST.
ACCURATE.

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NexTeach

Next generation job teaching technology for the PSV7000, PSV5000, and PSV3500

NexTeach simplifies the JOB teaching process by automating the XYZR measurements and coordinates with the single touch of a button.



Simple

Automatically teach all pick and place locations
Easy to teach new packages



Fast

Teach a new programming job in <4.0 seconds
Teach Z height up to 70% faster than alternative methods

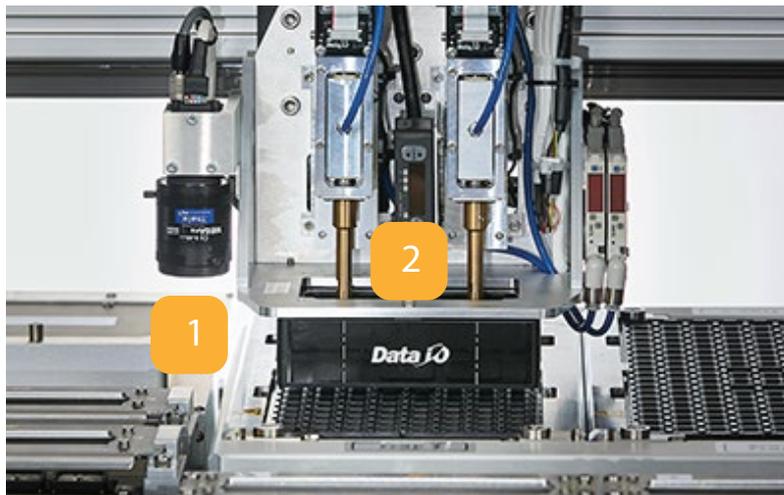
(with NexTeach Pro for the PSV7000)



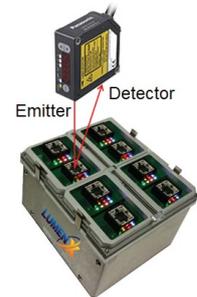
Accurate

10x more precise than alternative methods

(with NexTeach Pro for the PSV7000)



2



3



1 NexTeach Vision

Crosshair indicator in the PSV7000's UI precisely identify the pickpoint to easily target the device center (x-y)

NexTeach Vision is ideal for small devices

2 NexTeach Laser

Teach pick-point Z-height without touching the device with air (vacuum or puff)

Direct measurement of Z-height

Accurate measurements that are not susceptible to fluctuations in factory air

3 NexTeach Software

Automatically teach the XYZR measurements with a touch of a button

Minimum Software AH 2.9

NexTeach Software available on the PSV5000 and PSV3500

Laser Sensor Maintains High Measurement Accuracy vs. Vacuum or Air

	Vacuum Based Z	Laser Sensor	Precision Gain
Accuracy	600 to 800+ um	50 to 100um	5 to 10x more precise

NexTeach Pro Reduces Teach Times

Teach Time Benefits	Using XYZ All	Vacuum Method	Laser Sensor	Time Reduction
Teach Time: at Tray		10.5 seconds	3.5 seconds	66%
Teach Time: at Programmer		16.9 seconds	4.3 seconds	74%
Tray to Tray, 1 FC3, Laser	✓	2min. 13 sec.	45 seconds	66%