



SIMPLE.  
FAST.  
ACCURATE.

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## NEXTEACH PRO

# Next generation job teaching technology for the PSV7000

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



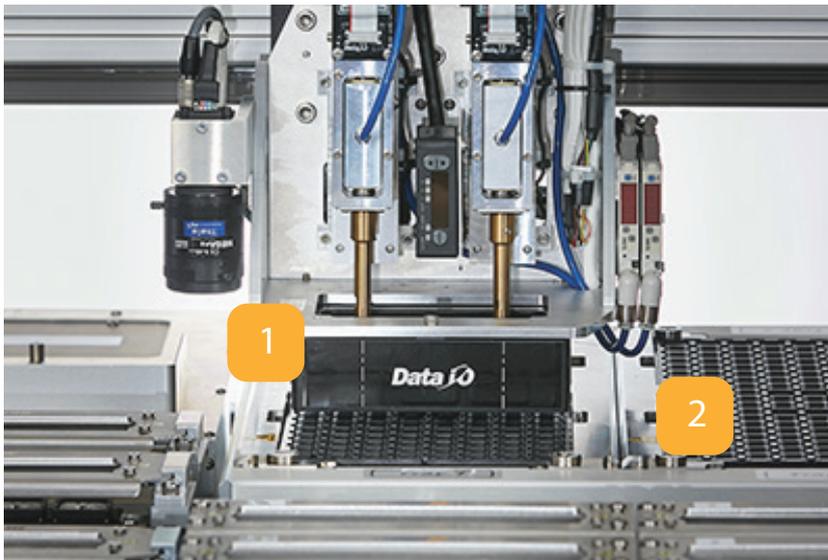
### Fast

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



### Accurate

10x more precise than alternative methods



## 1 NexTeach Vision

Cross-hairs in the PSV7000 UI identify precise X-Y coordinates to easily find the center of 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 XYZ measurements with a touch of a button

Minimum Software AH 2.9

### 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 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	✓	2m <sup>Ⓢ</sup> 13 sec.	45 seconds	66%

Upgrade your PSV7000 to NexTeach Pro today: Visit [dataio.com](http://dataio.com)