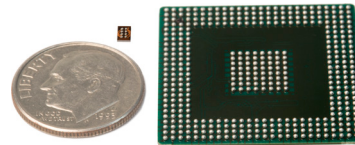


# BPM 3901

Extreme Value: The Lowest Cost APS with Vision Centering and True Universal Support

## The 3901 Automated Programming System

The 3901 is the feature-rich Automated Programming System offering precise vision alignment and true universal programming technology at the lowest cost of ownership. Based on BPM's proven 3910, this highly flexible APS supports the full complement of input/output peripherals and is configurable with up to 16 sockets using 9th Gen programming site technology. By combining vision alignment for high quality and yield, industry best programming speeds with 9th Gen, plus fast job setup and changeover with BPWin process control software and award-winning WhisperTeach, the 3901 offers unmatched productivity at an unequaled value. The system boasts real production output of up to 1,088 devices per hour, while handling a broad range of packages, including CSP. The 3901 is offered in a variety of bundled configurations that allow it to support price-competitive markets, while providing features, versatility and reliability unavailable from cheaper systems. The 3901 truly delivers Extreme Value.



Full system throughput with package sizes ranging from the smallest CSP to the largest QFP

## Programming the Future Today



### Make Device Programming Easy

Saving time in set-ups without requiring advanced technicians



### Get the Lowest Cost per Device

Bring programming in-house and turn your operation from a cost center to a profit center



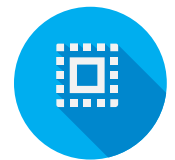
### 9<sup>TH</sup> Generation Site Technology

Future-proof investment with true universal site technology



### CyberOptics™

On-the-fly vision alignment—fast, precise and efficient in a production environment



### WhisperTeach™

Automatic Z-Teach—reduces setup time per job and improves accuracy and quality

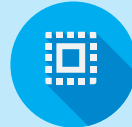
NEW

Up To  
**1,088**  
Devices per Hour

**3901**



9<sup>TH</sup> Gen site technology offers the broadest support in the industry at incredible programming speeds. We support more devices on a single site platform than any other system on the market. The 3901 supports up to four sites with up to 16 sockets.



WhisperTech™ provides automated Z-height detection, critical for each pick/place location. Setup is fast and accurate, reducing teach time *as much as 83%*

Includes feature-rich BPWin process control software, advanced serialization, and optional API for factory MES integration



CyberOptics™ Vision with component auto-measure—

for fast set-ups, and on-the-fly alignment for maximum throughput



Optional Automated Peripherals to maximize/customize your 3901

- Laser Marker
- Tray Stacker
- Tape Input/Output
- Tube Input/Output
- Tray Shuttle

Up to  
**4 Sites with  
16 Sockets**

**Ask About Our  
APS Bundles**



See Web for Configuration/Price

Learn more about BPM's 3901 APS at [bpmMicro.com/3901APS](http://bpmMicro.com/3901APS)



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**BPM** MICROSYSTEMS  
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Made in the USA



with globally-sourced components



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