

SIPLACE X4i S micron

MAXIMUM ACCURACY AT TOP SPEED



SIPLACE X4i S micron – the ideal solution for high-volume manufacturers who need maximum placement accuracy without compromising on performance. The SIPLACE X4i S micron shines with real performance values of 120,000 cph, the best software portfolio on the market, and innovative technology such as SIPLACE's famous high-performance vision system.

SIPLACE 

Particularly for applications like the production of RF-Connectivity modules, such as WiFi, Bluetooth, UMTS, LTE Modules or embedded PCBs, that require maximum accuracy paired with high speed, the four-gantry SIPLACE X4i S micron impresses with even more precise measuring systems and a special SIPLACE SpeedStar head with shorter travel profiles.

In addition, the innovative SIPLACE software portfolio makes the SIPLACE X4i S micron unbeatable in terms of total line productivity.

And the market-leading SIPLACE digital vision systems ensure exceptional placement quality while protecting your investment for future developments such as 03015.

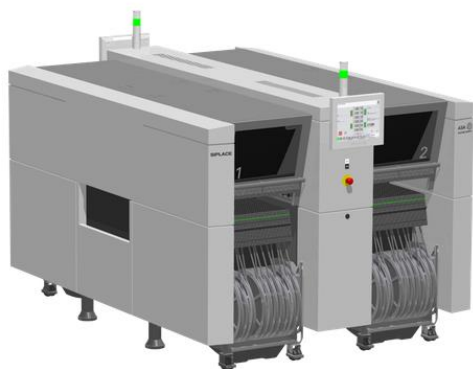
Your benefits at a glance:

- Maximum placement accuracy thanks to even more precise measuring systems
- SIPLACE SpeedStar with functionality for extra-high-precision applications
- Super-high-resolution camera for microscopically small components and distances
- Exceptional placement quality thanks to an integrated digital vision system plus state-of-the-art sensor technology and placement force control
- SIPLACE Benchmark 120,000 cph
- SIPLACE Smart Pin Support for extra long or flexible boards

SIPLACE X4i S micron

High speed with maximum accuracy

The SIPLACE X4i S micron is the ideal solution for high-volume producers who require maximum accuracy for applications such as modules and embedded PCBs, yet do not want to compromise on speed.



And our proven and innovative SIPLACE software features make the machine an all-around top performer on the line. The SIPLACE X4i S is also available with the SIPLACE MultiStar.

i-Mode: Faster placement with "independent" mode

What makes the SIPLACE X4i S micron so special besides the SIPLACE X4 S micron? With inverted gantries the SIPLACE i-Mode is used even more efficient. Thus the maximum of performance and productivity is reached.

New top performance ratings

With a SIPLACE benchmark rating of 120,000 components per hour, the SIPLACE X4i S micron sets the standard for applications where maximum accuracy and speed are of essence.

TECHNICAL DATA*		
Head types	SIPLACE SpeedStar	SIPLACE MultiStar
Component spectrum	03015 up to 6 mm x 6 mm	01005 up to 27 mm x 27 mm
Performance Theoretical rating SIPLACE Benchmark IPC rating	135,000 cph 120,000 cph 102,500 cph	112,000 cph 94,000 cph 79,900 cph
Placement accuracy	25 µm at 3 σ	25 µm at 3 σ
PCB dimensions (single conveyor)	450 mm x 510 mm	
Feeder slots	148 8-mm tracks	
Machine dimensions (length x width)	1.90 m x 2.60 m	
Conveyors	Single conveyor / flexible dual conveyor (with i-Mode)	
* Performing professional maintenance in the scope and intervals recommended by ASM ensures that your SIPLACE equipment will deliver the specified performance and accuracy across its entire life cycle. Our various maintenance contracts make this job even easier for you.		

ASM Assembly Systems GmbH & Co. KG
Rupert-Mayer-Str. 44
81379 Munich, Germany
Tel: +49 89 20800-27819
Fax: +49 89 20800-36692
siplace.de@asmpt.com

www.asm-smt.com

This brochure contains only general descriptions and/or features which may not apply to a specific product or may change as a result of new product developments. Specific features are only binding if they were expressly specified in the respective contract.

A10011-ASM-G139-EN Edition 4-04/2016