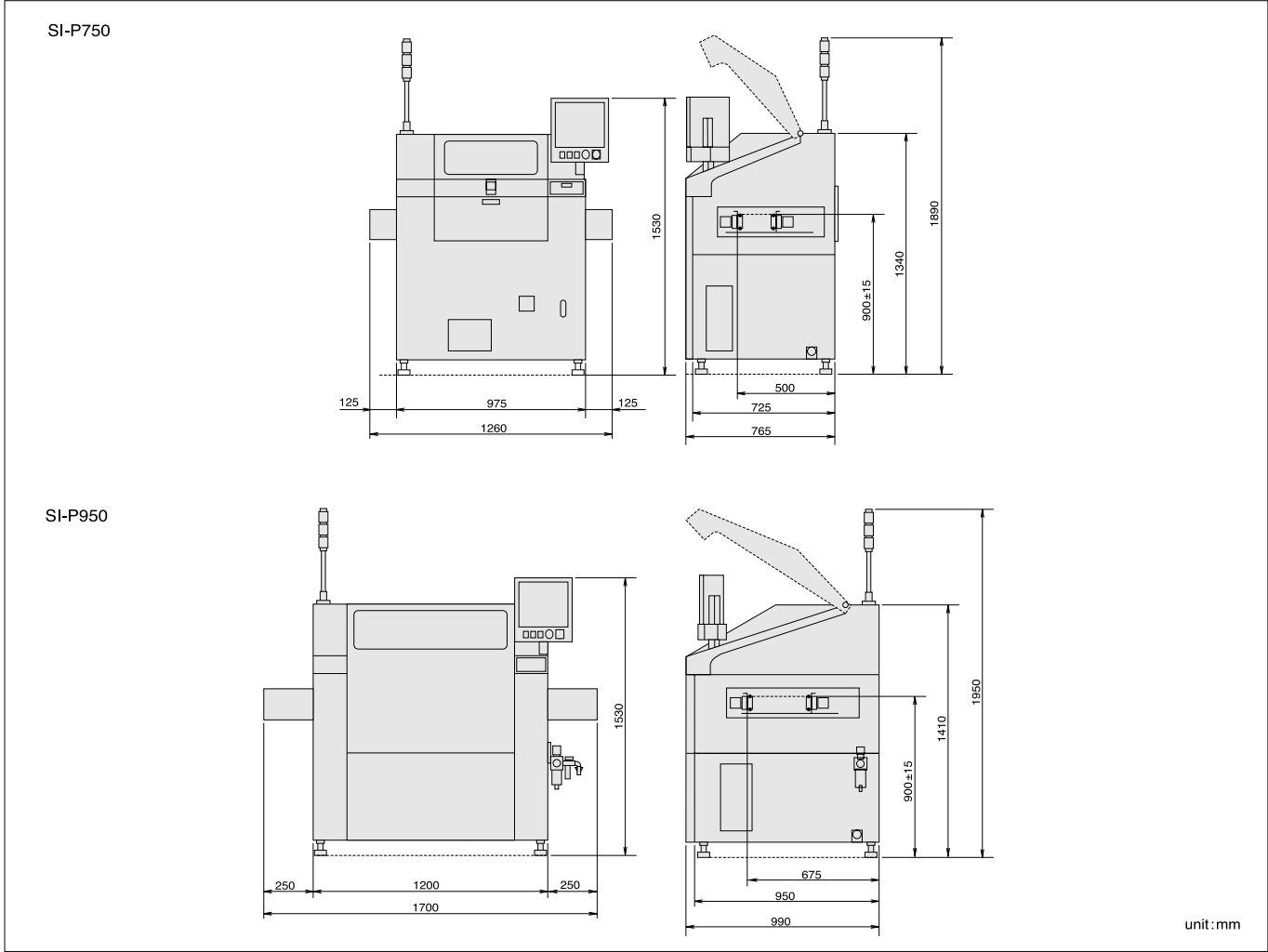


■Main specifications

Model name	SI-P750	SI-P950
PWB size	50mm x 50mm ~ 330mm x 250mm PWB tickness; 0.3mm ~ 2.5mm	50mm x 50mm ~ 460mm x 360mm PWB tickness; 0.3mm ~ 2.5mm
Conveyer height	900±15mm	
Printing repeatability	±10μm	
Cycle time	9sec+printing time	
Flow of work	right or left (to be specified at factory set-up)	
Screen size	650mm x 550mm x 30mm	735mm x 735mm x 30mm
Board position reference	Front side rail origin(Back side rail origin optionally available)	
OS	Operating system ; Windows Operator interface ; Touch panel, keyboard	
Screen Cleaning	Full automatic paper cleaning (wet, dry, vacuum), manual cleaning	
Power supply/consumption	AC100V 50/60Hz 1.5 kVA(other power rating optionally available)	AC200V 50/60Hz 1.5kVA(other power rating optionally available)
Air supply/consumption	0.5MPa 63L/min(A.N.R)	
Dimensions	975(W)mm x 765(D)mm x 1,530(H)mm (Machine status light 1,890mm)	1,200(W)mm x 990(D)mm x 1,530(H)mm (Machine status light 1,950m)
Mass	760kg	1,170kg

\*1 Only for main body  
\*2 Standard configuration  
\* The above specifications may wary slightly depending operating conditions  
\* Please refer to the 'Specifications' for detail  
\* Windows logo is registered trade marks of Microsoft Corporation in the U.S and other countries

■External view

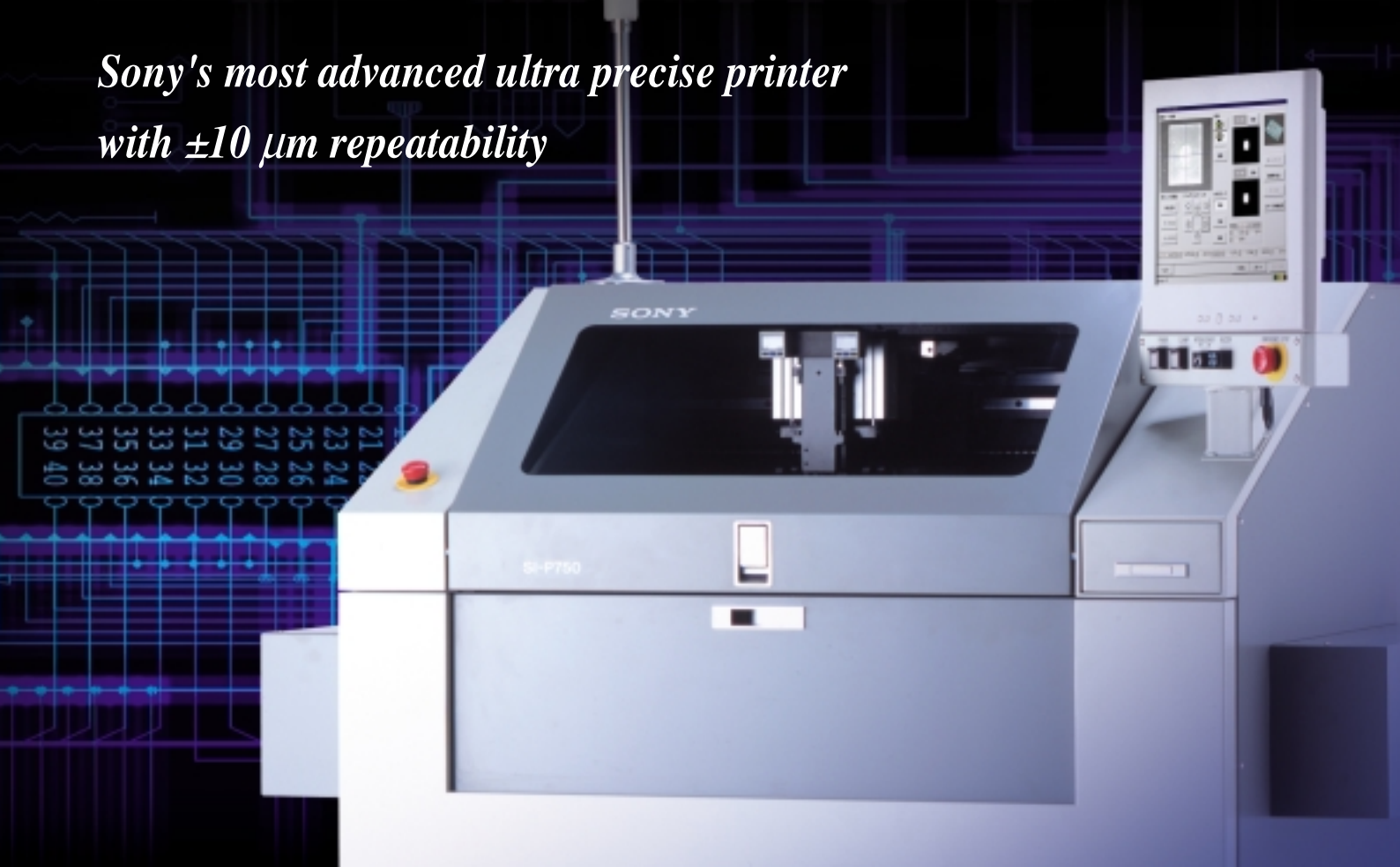


SONY

Solder Paste Printer

SI-P750  
SI-P950

*Sony's most advanced ultra precise printer  
with ±10 μm repeatability*



Solder Paste Printer

⚠ Safety Notice: For your safety, please read the instruction manual carefully before using the product.  
•Specifications and appearance are subject to change without prior notice. •Windows® is a trademark of Microsoft Corporation.

Sony Manufacturing Systems Corporation

**Sony Manufacturing Systems Corporation**  
Surface Mounter Sales Dept.  
1-10 Kiyoku-cho, Kuki-shi, Saitama-ken, 346-0035 Japan  
Tel: +81-480-23-4896 Fax: +81-480-23-4310  
http://www.sonymsms.co.jp

**Sony Taiwan Limited**  
FA Marketing Group  
6F, 145 Changchun Road Taipei 104, Taiwan  
Tel: +886-2-2522-9760 Fax: +886-2-2522-2396  
http://www.sony.com.tw/company/family/FA/FA.asp

http://www.sonymsms.co.jp/  
The contents of this literature are as of Dec 2007

**Sony Thai Co., Ltd.**  
2126 Kromadit Bldg., 4th FL., New Petchburi Rd., Bangkok, Huay  
Kwan, Bangkok 10310, Thailand  
Tel: +66(0)2715-6360 Fax: +66(0)2715-6369

**Sony Manufacturing Systems America, Inc.**  
20381 Hermana Circle, Lake Forest, CA 92630  
Tel: +1-949-770-8400 Fax: +1-949-770-8408 http://www.sonymsms.com

**Sony Manufacturing Systems Europe**  
Headquarters  
Semiconductor & Electronic Solutions A division of Sony United Kingdom Ltd.  
The Heights, Brooklands, Weybridge, Surrey KT13 0XW, UK  
Tel: +44-870-7390122 Fax: +44-1932-817024

**Stuttgart Office**  
Hedellinger Strasse 61, D-70327 Stuttgart, Germany  
Tel: +49-711-5858-777 Fax: +49-711-58 07 15  
http://www.sonymmanufacturing.com

eco info Used material: 100% recycled paper, recyclable  
Zero-VOC (Volatile Organic Compound) vegetable oil ink



Sony Manufacturing Systems Corporation

023E-0712-01-05

# An ultracompact Sony machine that enables ultraprecision printing. Top performance through simple operation and freedom from maintenance!

A unique lineup of two models - the SI-P750 and SI-P950 embody Sony's technological advances from its own plants. High-definition printing delivering greater accuracy. Each ultraprecision unit positioned optimally for a high-performance, high-durability structure.



## SI-P750/P950 Solder Paste Printer

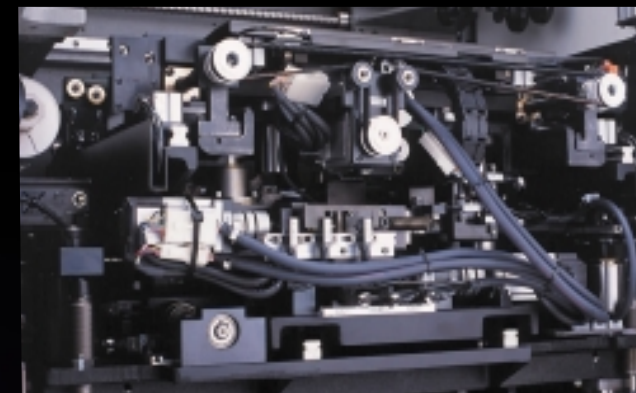
### ■ Ultra precision printing leading to the next generation

#### Printing repeatability $\pm 10\mu\text{m}$

##### ● Unique cast frame with high rigidity

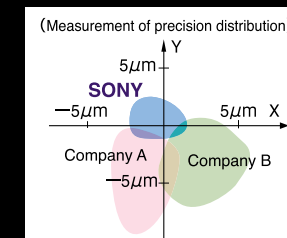
The structure features a high-rigidity cast needed to ensure printing precision.

##### ● A printing table featuring six-spindle control for high precision and performance



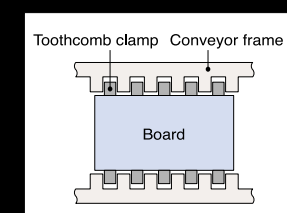
##### ● Excellent repeatability

Right table shows the repeatability test results.



##### ● Perfect plate removal

A squeegee and conveyor frame hold the metallic mask to minimize vibration. An external clamp (featuring a new toothcomb mechanism) holds the board in place. This and a vacuum system eliminate board gaps.



##### ● Sealed structure above screen

Tight sealing minimizes cream solder degradation. (Can handle lead-free solder operations)



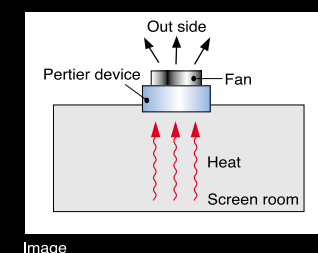
##### ● Auto cleaning

The system features special wiping paper and suction. You can program wet, dry, and vacuum.



##### ● Cooling unit

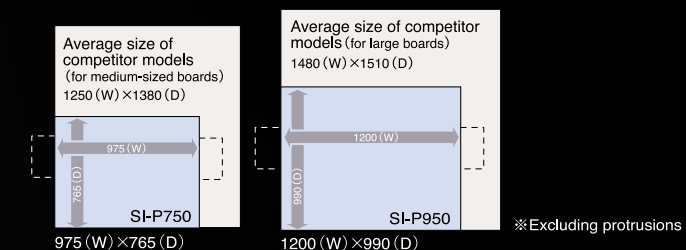
Cooling unit with Peltier device to minimize air flow to keep the quality of the solder. (Optional)



### ■ Ultra compact

##### ● Easy installation in tight spaces

Featuring the world's most compact installation space in its class, with an ideal layout and incorporating precision assembly technology.



### ■ User friendly operation

##### ● Easy, highly-efficient changeover operations

Changeover can be done within 2 minutes. (A new program can be generated within 10 minutes.)

##### ● Windows-based interactive touch panel is easy to use

##### ● Operating wizard even for new models shortens changeovers

##### ● Multilingual operating screen

You can choose from Japanese, English, or Chinese (simplified / traditional) for changeovers.



Interactive touch panel



### ■ High reliability and easy maintenance

##### ● Allows continuous, maintenance-free operations

Simple construction and lubrication-free operations make maintenance even easier.