

Solder Paste Printer

SI-P850 / P850L

Multi-function printer with high quality and low running costs

SI-P850 supports M and L sized PWB, SI-P850L supports up to 750mm long PWB.

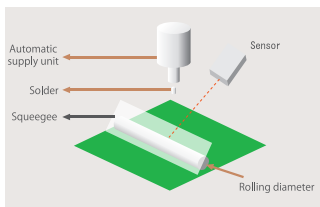
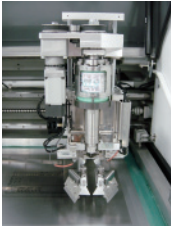
Enables lowering failure rates of parts mounting and reduces running costs such as waste solder and cleaning paper.



Solder Paste Printer SI-P850 / SI-P850L

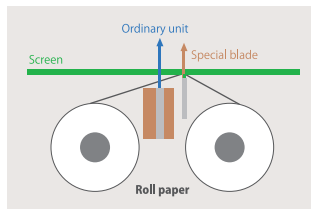
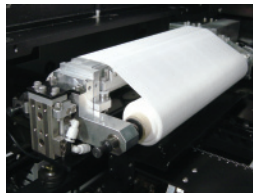
Automatic solder dispenser*

The automatic solder dispenser keeps the volume of solder on the screen constant at the minimum necessary amount. This prevents smears and smudges, and reduces mounting defects dramatically. In addition it achieves both reducing the environmental load and the running costs.



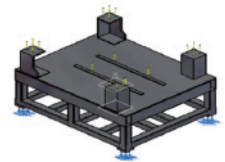
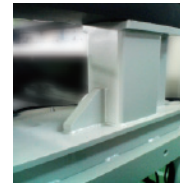
High-speed cleaning*

A blade of original shape wipes away solder beneath the screen at high speed. The operating speed is now 10 times faster and also the paper consumption can be reduced down to 1/5 compared with the existing models. Therefore, the cleaning can be operated every time without affecting productivity.



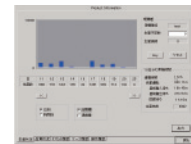
Highly rigid frame

A highly rigid frame and a high-precision AC servo achieves a repeat printing accuracy of $\pm 15 \mu\text{m}$.

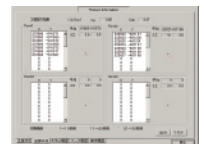


Production control tools

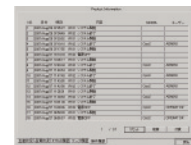
Equipped with a variety of production control tools, which maximize the productivity such as Production status and Quality control.



Production status



Quality control



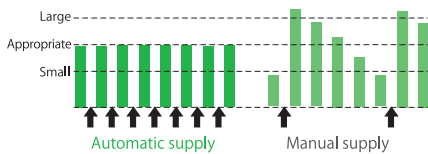
Operation history



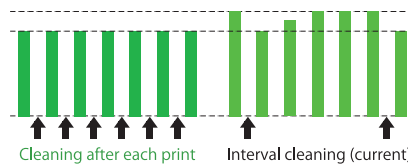
Alignment mark recognition history

*Option

Comparison of Rolling Diameter



Solder paste volume comparison

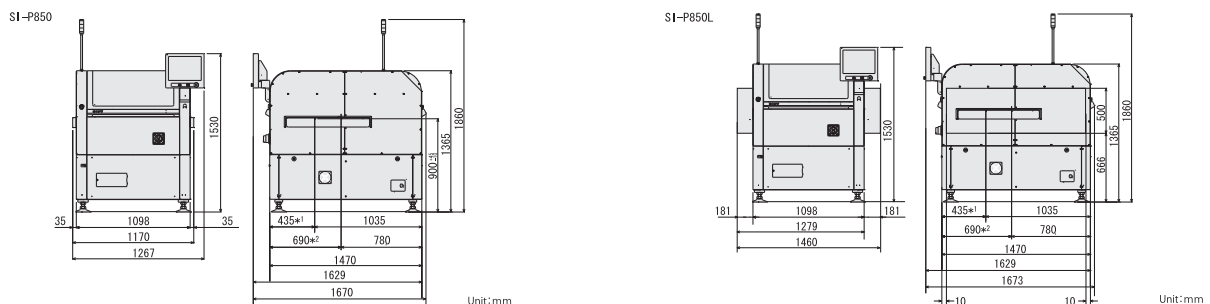


Specifications

Solder Paste Printer		
Model name	SI-P850	SI-P850L
Machine type	Multipurpose, M/L size	Multipurpose, Long size
PWB size	50mm×50mm – 460mm×410mm Thickness : 0.4mm-3.0mm	50mm×50mm – 710mm×410mm or 750mm×460mm Thickness : 0.4mm-3.0mm
Frame size	550mm×650mm • 650mm×550mm • 736mm×736mm Thickness : 30mm or 40mm	736mm×736mm - 864mm×736mm Thickness : 30mm or 40mm
Cycle time	10 sec + printing time	11sec + printing time
Print repeatability (3 σ)	$\pm 15 \mu\text{m}$	$\pm 17 \mu\text{m}$
Back up support	Y-type profile clamp system	
Power supply	AC100V 50/60Hz Max 1.5 k VA (Other voltages also available)	
Dimensions	W1,170mm × D1,470mm × H1,530mm (Excluding signal tower)	W1,460mm × D1,470mm × H1,530mm (Excluding signal tower)
Weight	1,250kg	1,300kg

※ Above figures are subject to vary on the conditions. Please contact our sales reps for details.

External Dimensions



⚠ Safety Precautions: To use the product safely, read and understand the contents of the instruction manual before use. ● Standards, specifications and appearance are subject to change due to continual improvements without prior notice.

Sony Manufacturing Systems Corporation

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The contents of this literature are as of April 2011