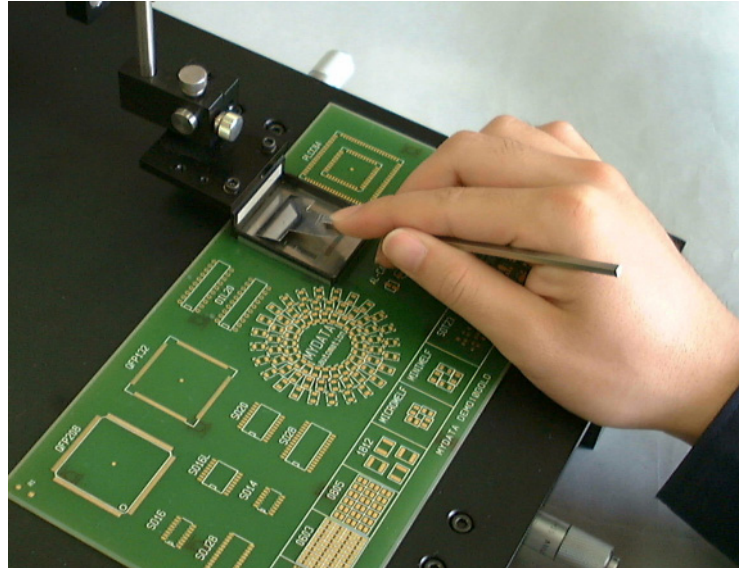


(Micro Screen is option)



Screen Printer SP-100

Model SP-100 is printer to be used in combination with Micro Screen (μ S-100series, option) for applying cream solder to single LSI such as QFP and BGA. You can apply cream solder to PC board by PC board repeatedly with ease and with high precision. (Please see the data on Micro Screen μ S-100series together with this.)

Features

- * Easy positioning of screen(mask) and work piece. As micrometers are fitted onto X-Y axis as standard machine parts, fine adjustment of accuracy 10 μ m is possible.
- * By dint of high precision, solder cream can precisely be applied to QFP IC's with fine pitch such as 0.4mm pitch and 0.5mm pitch even in repeated printing.
- * As our Micro Screen is with frame, it has no distortion, which ensures a complete printing on big size QFP or BGA without overflow of cream solder outside the screen.
- * 7 sizes of Micro Screens are available and replaceable just by loosening 2 screw.
- * 50 kinds of Micro Screens are available. Various LSI patterns are also available as standard product. Custom made screen can be made in a matter of 10 days against order.
- * Use of PC board holder type PH-100 makes it easier to apply cream solder in rework of dual SMT-PC board. PH-100 is available as an optional item.
- * Also with the screen for BGA/CSP reballing, BGA and CSP can easily be reballed.

Specifications

- μ S-100series(option)
 - Size : 14 \times 28mm - 54 \times 63mm (7 kinds)
 - Thickness : 0.15mm (CSP 0.13mm)
 - Material : Frame SPCC
Screen SUS304
- PC board size : 10 \times 10mm - 250 \times 300mm (A4)
- Thickness of board : 0.125 - 40mm
- X-Y fine adjustment : 15mm (resolution 10 μ m)
- Size : (W)250 \times (L)450 \times (H)160mm
- Weight : about 8kg
- Accessories : squeegee (SUS304) 4pcs
(SQ-10, SQ-25, SQ-35, SQ-45)

Options

- Micro Screen μ S-100series
- PCB holder PH-100
- Ultrasonic cleanser HU-10B
- BGA/CSP ball arrangement unit VP-B200S
- Screen gap adjuster MM-25H
- BGA/CSP suction holder WH-B200 (BGA)
WH-C150 (CSP)
- BGA/CSP work holder WT-B160 (BGA)
WT-C161 (CSP)

Custom made screen is available.

* Specifications subject to change without notice.