

## AUREL VS1520B Screen-stencil printer



VS1520B

The VS1520B is a screen stencil printer fully controlled by PC. The software is menu-driven and the memory can hold 1000 PCBs programs with all setup parameters and functions. With the ProAlign Vision System the PCB alignment is checked before print and can be adjusted by micrometers if necessary. Are available other options, the new Cross flow head, as well the Stencil cleaning, the Screen adaptors, a special tooling system SMEMA Compliant and climat control.

#### Options

- ProAlign Vision System
- AUREL CrossFlow® Head
- Automatic Stencil Cleaner
- Clima Control
- Autobalance® Screen
- Universal Table
- Light Tower for Machine Status

#### Software, Tools & Handling

- Substrate cleaning
- Hole metallization
- Optic for microvia
- Tables for LTCC

| Specifications               | VS1520-SMT                                      | VS1520-HIC                                      |
|------------------------------|---|---|
| Max Print Area               | 350 x 400 mm                                    | 250 X 250 mm                                    |
| Max Substrate Size           | 450 x 450 mm                                    | 360 X 300 mm                                    |
| Max screen size              | 550 x 390 mm I.D.                               | 16" x 12" I.D.                                  |
| Squeegees metal or rubber    | Up to 360mm                                     | Up to 280mm                                     |
| Print Mode                   | Print / Print<br>Print / Flood<br>Print + Print | Print / Print<br>Print / Flood<br>Print + Print |
| Parameter storage            | 1000 memories                                   | 1000 memories                                   |
| X-Y Adjustment               | 25 mm   | 25 mm   |
| Z Adjustment (Screen Height) | 12 mm   | 12 mm   |
| Theta Adjustment (Rotation)  | ± 3° on the chuck                               | ± 3° on the chuck                               |
| Squeegee Pressure            | 0 - 20 kg                                       | 0 - 20 kg                                       |
| Squeegee Speed               | 0 - 250 mm/sec                                  | 0 - 250 mm/sec                                  |
| Print Stroke                 | 50-480 mm                                       | 50-480 mm                                       |
| Dimensions                   | 1425x1300x1520 mm                               | 1425x1300x1520 mm                               |
| Approx. Weight               | 450 kg  | 450 kg  |
| Compressed Air               | 5 Ate 50 L/min                                  | 5 Ate 50 L/min                                  |
| Power                        | 230 V 50 Hz 2A                                  | 230 V 50 Hz 2A                                  |