

Aurel Model 900

SCREEN PRINTER



AUREL Mod. 900 is a high precision free stand screen/stencil printing machine and meets the requirements for high quality automatic printing on large areas. **The Mod. 900 can print substrates up to 350 x 400 mm**, assuring uniform deposition from corner to corner.



Features:

- Double Squeegee Head
- Speed Pressure digital control
- Automatic Shuttle table
- Large print area
- Print & Flood; Print & Print; Print + Print
- Print contact and off contact
- Printing head dc motor driven
- Continuously adjustment of the printing speed and stroke
- Precision X-Y Theta work table for accurate substrate alignment
- Substrate hold-down by vacuum, vacuum pump included
- All movements on precision ball bearing linear slides
- High precision print head with micrometric height and down stop adjustment

Applications

- Thick film pastes
- Solder paste for SMT
- Glue, adhesive, resin
- Polimeryc pastes
- Solder resist
- Flexible Foils
- Membrane switch
- Solar cell

Specifications	
Max Print Area	350 x 400 mm
Max Substrate Size	450 x 450 mm
Max Squeegee Width	400 mm
Screen Size	540 x 540 mm
Carriage Repeatable	± 0,02 mm.
Squeegee and Screen Parallel	± 0.02 / 100 mm
X-Y Adjustment	25 mm
Z Adjustment (Screen Height)	10 mm
Theta Adjustment (Rotation)	± 5°
Print Stroke	50 - 400 mm.
Squeegee Speed	0 - 250 mm/sec.
Squeegee Pressure	0 - 30 kg
Dimensions	1100 x 1300 x 1500 mm
Approx. Weight	200 kg
Compressed Air	5 Ate 50 L/min
Power	230 V 50 Hz 2A

Options

- Vision TV Camera Pro-Alignment vision system
- Screen adapters
- Fixtures and chucks
- Screen service