

Aurel Model 900T

Screen Printer for Cylindrical parts



This special design of the standard Mod. 900 uses a patented "syncro motorized chuck / print - head" for printing on cylindrical parts 6 – 40 mm diameter, 20-200 mm length. The applications are thick film screen printing of tube heaters, sensors, components.



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
- Polimeric pastes
- Solder resist
- Flexible Foils
- Membrane switch
- Solar cell

Specifications	
With tools for cylindrical printing	
Tube diameter	8 - 40 mm
Tube length	120 - 200 mm
Printing speed	50 mm/s (average)
Screen size	12" x 12"
Max Print Area	350 x 400 mm
Max Substrate Size	450 x 450 mm
Max Squeegee	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° on the chuck
Squeegee Pressure	0 - 20 kg
Squeegee Speed	0 - 250 mm/sec
Dimensions	1100 x 1300 x 1500H mm
Approx. Weight	200 kg
Compressed Air	5 Ate 50 L/min
Power	230 V 50 Hz 2A