



Test Electronics Industrial Test Equipment
821 Smith Road, Watsonville CA. 95076
<http://www.testelectronics.com/>

Solder Paste Silk Screening Printer Nest



General

Silk screen Printer nest for solder paste silk screening flexible type circuit boards.

Mechanical

3/8" cast aluminum plate double disk ground to .0001"
Precision machined to a tolerance of .0005".
Red anodized.

Vacuum Holes

Vacuum holes are designed to distribute maximum vacuum hold down to all parts of the flex circuit without bending or deforming the flex circuit. Hold down force typically exceeds 1/2 applied vacuum force.

Tooling Pins

Tooling pins are installed using an automated machine for positioning, and insertion. This technique provides perpendicularly exceeding 1/1000" per linear foot, and prevents drift due to side scoring and chipping. The end result is an extremely high degree of accuracy and repeatability in pin positioning. Above all, a tighter press fit for better mechanical reliability.

A variety of pin styles are available including:



- Straight pins
- Step pins
- Flanged Step Pins.

Different head styles also include:



- Round head for standard through holes
- Diamond head for slotted holes
- Elongated round head for precision aligning slotted holes