

DISPENSING NOZZLES

Micro Point Pro excels in the design and manufacture of various types of dispensing nozzles for customized applications. Our dispensing nozzles are designed for accurate dispensing of the glue onto the substrate which helps to prevent inconsistent epoxy problems like tailing, bridging, voids and insufficient epoxy coverage. This enables our customers to achieve a superior dispensing performance. The complete set of nozzles and adaptors is available for all types of bonders in the market including Bessi (Essec), ASM, Westbond, Datacon, Shinkawa, Alphasem and F&K.

MPP OFFERS OUR CUSTOMERS



Best quality products with precise fine dimensions and excellent repeatability



Flexible Capacity to support customer demand



A comprehensive solution to bring the best cost of ownership



Short Lead Time to satisfy the fast moving microelectronics industry's challenges



MPP's Available Models of Dispensing Nozzles



Groove Nozzles - for various viscosity grade epoxy

- Different groove shapes:
 - › U shape - for high viscosity
 - › V shape - for lower viscosity
- Different pattern design of the epoxy - X, Y, double Y
- Ranges from small die sizes to large die size with high proportion (W to L) over 10:1.
- Tailor made designs per application
- Advantages:
 - › Homogenous epoxy curing with less stress and no voids.
 - › Saves the bond head "writing" movement and thus providing a better throughput.
 - › Longer life span than other type of dispensing nozzles, due to less cracks & breakage of the tools.

Shower Heads / Multi Pin Nozzles

- Designed for small die size applications
- Best used with low viscosity epoxy

Writing Nozzle Pen

- Used to form a single dot or a free drawing pattern
- Suitable for large die sizes.
- Can draw different epoxy patterns to ensure optimal epoxy dispersion.

MPP's technical experts are ready to support you with customized solutions for all application challenges

For more information please visit our website, www.mpptools.com

or contact us directly at sales@mpptools.com

