We understand the needs of those in electronics packaging and assembly. As the original jet dispensing innovator, we offer high-quality dispensing systems, exceptional jetting technologies, and the most advanced closed-loop process controls in the industry. With more than three decades of experience delivering value and outstanding applications expertise, we are uniquely positioned to empower your business.

Features and Benefits

• **Remarkable Speed and Accuracy without Compromise** – The new Vantage® Series increases productivity up to 2X when compared to current generation platforms. The highly stable design makes it possible to dispense at significantly accelerated speeds without sacrificing dispense accuracy.

• **An Expanded Dispense Area** – accommodates dispense areas up to 470 x 488 mm while retaining a compact footprint to maximize space efficiency.

The Vantage Series is specifically designed for advanced semiconductor package, electromechanical, and printed circuit board assembly. This new, advanced platform is ideal for applications that involve high-speed or small-volume dispensing, tight keep out zones, or dispensing of thin and accurate lines.

Combined with the ASYMTEK IntelliJet® Jetting System with ReadiSet® Jet Cartridge, the Vantage Series delivers cutting-edge reliability and micro-dot jetting up to 1,000 Hz frequency.
A completely new software interface that simplifies your programming tasks and provides you with powerful insight and control over your process.

- **Graphical Programming** – lets you scan a workpiece, develop your program, and visualize the dispensing results on a virtual canvas prior to dispensing.
- **Guided Wizards** – provide easy step-by-step setup instructions.
- **Quick-Reference Graphing and Data Tiles** – allow you to control how system sensor and process data are displayed.

Application Highlights

Built on a new robust chassis designed to achieve high accuracy and speed, the Vantage Series delivers precise and reliable jetting up to 1,800,000 dots/hr.

- Ultra-precise placement of <200 µm fluid stream widths into narrow gaps
- Accurate dispense line paths for volumes <1.5 nL, as required for advanced wafer-level technology node scaling
- High productivity dot jetting up to 2x faster than current platforms

Additional application capabilities and specifications are available.

For more information, visit our website to find your local regional office or representative. We have several global locations to serve you.

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