

## **DISTRON CORPORATION IMPROVES ITS ELECTRONIC ASSEMBLY PROCESS WITH THE RECENT ACQUISITION OF THE NEW YESTECH AUTOMATED OPTICAL INSPECTION MACHINE**

*Attleboro Falls, MA* — Distron Corporation, ([www.distron.com](http://www.distron.com)) a leading contract manufacturer located in Attleboro Falls, Massachusetts, announced today its acquisition of the new YESTech Automated Optical Inspection (AOI) machine. This compliments the company's recent expansion of its manufacturing capabilities which also include additional state-of-the-art Surface Mount Technology (SMT) equipment. The YESTech YTV-F1S machine provides advanced, in-line inspection of SMT assemblies, and solidifies Distron's commitment to delivering the utmost of high quality electronic assemblies, in particular to its expanding medical and military customer base.

"We tested and evaluated five different manufacturers of this type of equipment before deciding on the YESTech AOI machine," explains Don Petry, Vice President of Sales and Marketing, Distron Corporation. "It was critical that we undergo an elaborate qualification process. We needed to determine the equipment's programming function capabilities, ease of use, and accuracy of defect detection in order for us to deliver high quality and reliability electronic assemblies with shorter throughput time, higher production yields, while also reducing costs for our customers."

As technology advances and electronic equipment decreases in size, it's impossible to detect problems by relying on visual inspections. The YESTech AOI machine's cutting edge technology offers high speed PCB inspection and provides comprehensive defect detection including inspection of solder joints and component verification to ensure all components are present, correct, and oriented properly. The machine's five camera system can inspect 0201 and 01005 sized components with inspection speeds of 250,000 components per hour.

"We are excited about the solder joint inspection capability that the YESTech AOI machine offers," said Arthur Manuel, Distron's Vice President of Operations. "Given YESTech's advanced capabilities, we can immediately identify a problem with a SMT assembly, which allows us to take corrective action at the beginning of the production process. The simplified programming process of this equipment, along with its ability to perform paste, pre reflows, and post reflow inspection provides Distron with a powerful AOI solution to offer our medical and military customers."

The YESTech machine has been implemented in Distron's lean, in-line layout to provide constant, real-time feedback to the upstream SMT assembly processes. This configuration continuously drives down defects, reduces waste from unnecessary handling, and can produce small production runs in hours.

### **Distron Corporation**

Distron Corporation located in Attleboro Falls, MA is a New England based provider of electronic contract manufacturing services. We have over 36 years of experience and specialize in servicing small to medium size companies. OEMs requiring speed, competitive pricing and local service will find Distron a comprehensive manufacturing partner. Our staff will manage your product from procurement and assembly through order fulfillment and depot repair. For more information, please contact us at 508.695.8786, or email us at [sales@distron.com](mailto:sales@distron.com)