



FOR IMMEDIATE RELEASE

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Automatic Optical Inspection Capability Added to Production Process

Durham, Connecticut - November 2006 - Technical Manufacturing Corporation announced this month that it has added automatic optical inspection to its production process for printed circuit board assemblies. The Mirtec MV-2HT AOI machine provides the ability to automatically inspect printed circuit board assemblies for component presence, absence, orientation, registration and value after population and reflow or wave soldering. The machine will also automatically inspects component solder connections including fillet inspection and bridge detection. It is equipped with the optional high resolution telecentric camera which is supported by three different LED-based light sources including horizontal, vertical and coaxial to allow for accurate inspection of the most fine-pitch components available.

Machine operation is based upon a very powerful optical character recognition (OCR) software engine and is supported by a user-friendly and versatile automatic teaching tool software package. Statistical process control software is used in conjunction with the operation of the system to continuously gather manufacturing level defects which are used to aid in root cause analyses of the manufacturing process. The system runs on the Windows XP Professional operating system which is fully networked for stability and daily programming backups.

The Mirtec MV-2HT automatic optical inspection system will be operated by and in parallel with existing personnel. It is expected that the machine will increase printed circuit board assembly production throughput and eliminate process bottlenecks, both of which will result in an overall higher quality product while decreasing costs. More information on the Mirtec MV-2HT automatic optical inspection system can be obtained at <http://www.mirtecusa.com/desktop2.html>.

About Technical Manufacturing Corporation

Technical Manufacturing Corporation is a Connecticut-based contract electronics manufacturer that has been successfully servicing the electronics manufacturing requirements of small to Fortune 500 companies worldwide since 1985. We build a wide variety of products for our customers which are used in many different commercial and military applications across all industries including medical, computer, automotive, aerospace, test & measurement and telecommunications. Visit us on the internet at www.techmfgcorp.com for more information on Technical Manufacturing Corporation and our complete line of contract electronics manufacturing services or contact Mr. David Bonito, Sales and Marketing Manager by email at dbonito@techmfgcorp.com or by phone at (860) 349-1735 (extension 102).

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