



Murray Percival

Murray Percival Company Welcomes Teknek to Its Line Card: Setting a New Standard for Contamination Control in SMT Assembly

AUBURN HILLS, MI – January 2025 –The Murray Percival Company, an award-winning manufacturer's rep in the Midwest and a leading distributor of electronics assembly solutions, is excited to announce the addition of Teknek, the global leader in bare board contamination removal, to its product lineup. This strategic partnership brings Teknek's revolutionary BC-40 board cleaner to the North American market, offering manufacturers cutting-edge solutions for reducing defects and optimizing production yields.



Teknek's advanced contact cleaning technology is globally recognized for its ability to remove even the tiniest particles — down to sub-micron levels — ensuring unmatched contamination control. With over 40 years of experience and more than 30 key patents, Teknek continues to set the standard for reliability and innovation in electronics manufacturing.

Contamination is a leading cause of defects in surface mount technology (SMT) assembly, particularly at the solder print stage, which accounts for over 60% of defects according to SMTA studies. Teknek's BC-40 is designed to eliminate particles that can cause:

- Blocked stencils
- Tombstoning
- Insufficient solder joints
- Opens and bridges
- Misplaced components

The Tek-BC-40 meets ANSI ESD s20.20. This low-static, low-strain board cleaner ensures the highest levels of contamination removal. Fully compatible with Industry 4.0 standards, it delivers precision cleaning while maintaining process safety and reliability.

The Tek-BC-40 is the latest innovation in Teknek's lineup. The BC-40 takes contamination control to new heights, providing enhanced cleaning performance for manufacturers aiming to meet zero-defect goals.

Tek-BC-40 is ideal for use before solder paste application and after laser marking, ensuring that boards are production-ready at critical stages in the assembly process.

Teknek's proprietary technology combines precision elastomer rollers and tailored adhesive systems to effectively capture and remove contamination. This reduces costly defects while extending the life of stencils and other production equipment.

"Adding Teknek to our line card underscores our commitment to providing best-in-class solutions for our customers," said Murray Percival III, Sales Manager at the Murray Percival Company. "These cleaners will help manufacturers reduce defects and increase yields, we look forward to introducing this product line to companies that are quality driven."

For more information or to request a demo of the Teknek BC-40, visit www.murraypercival.com or contact (800) 405-1730 or info@murraypercival.com.

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About Murray Percival

The Murray Percival Company is a third-generation family-owned business that have been in business for over 60 years. With their vast knowledge of the PCB industry and wide offering of assembly equipment and production supplies, the Murray Percival Co. remains on the leading edge of the industry. It is their goal to provide legendary service, improve processes, maximize ROIs, and go the extra mile to make sure they are exceeding customer expectations. www.murraypercival.com

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