
Wave Solder Optimizer

VISION AWARD • BEST NEW PRODUCT • WAVE SOLDERING

Comments from just a few of the thousands of engineers using the Wave Optimizer worldwide. Feel free to contact us to discuss your specific needs and goals.



“Working with the Wave Optimizer made us rethink many of our notions on how to wave solder. We shouldn’t blame the board design as often as we have and we now understand we can’t rely on a thermal profiler to control our wave solder process. The Optimizer’s LCD display makes it easy for us to respond immediately to the data it provides.”

Martin Orozco, Process Engineer



“We thought we had tried everything to eliminate a bridging problem. Using the Wave Optimizer, in only a couple of minutes we got rid of the bridging completely by adjusting the dwell time.”

Alfredo Santillana, Wave Solder Supervisor



“Our problems were recurring insufficients and bridging. We made many attempts to address these problems to no avail. By using the Optimizer software to graph our immersion depth, we identified and corrected turbulence in our main wave. We have created a new process recipe that we will rely on.”

Jose Martinez, Maintenance Engineering Supervisor



“The Optimizer, with its Flux Distribution Window, uncovered a problem with our spray fluxer and pinpointed other serious variations in our wave machine.”

Richard Carruth, Quality Engineer



"The Optimizer Data Manager software lets us quickly see data trends. We find the software quick and easy to use, especially compared to other process control and SPC software we've tried. The 32 automatic graphs of various parameters simplifies our process documentation."

Tom Gudauskas, Focused Factory Manager



"The Wave Optimizer identified the root cause of chronic skipping defects on our boards. Previous attempts to address this issue resulted in new problems, namely solder shorts. Adjustments were made to eliminate the disparallelism our Optimizer measured. These modifications had an immediate and positive effect on board quality."

Aldrina Paredes, Training Manager



"We found a strong correlation between the number of defects on the leads and the dwell time parameter. Using the correct dwell time every day brought down defects from an average of 17 to one. We saved 257 hours of touch and rework per month. We calculated this saved our facility over \$50,000 over 12 months on this one board type alone. Thank you for your excellent support, recommended methods and superior product."

John Lanferman, Process Characterization Group Leader



"We have become first hand witnesses to how effective your company's wave solder methods are. Our Optimizers save us hours a day. The biggest change was in the way we viewed our wave soldering: As the area where we could reduce costs the fastest and raise our overall quality the easiest. Our defects PPM has plummeted. Our yields are upwards of 99% now. We have also learned that many design problems can be overcome with process adjustments. I attribute these strides to our Optimizers' easy methods and your support."

Elvis Garcia, Competency Leader

Feel free to contact us if you would like to discuss your specific needs and objectives.