

# PeenSolver: Your Free Curve Solver Web App

**CREATING AND SOLVING** a saturation curve manually can be quite frustrating when you're first introduced to saturation curves and the 10% rule. Most people are delighted when they learn there are programs that do the plotting, drawing and math for them. They're even happier when they learn a program is available free of charge from Electronics Inc. Dr. David Kirk introduced his computer-based Almen saturation curve analysis program in a 2006 issue of this magazine. It has been the most widely used program of its kind over the last decade and it is a testament to Dr. Kirk's knowledge of the shot peening process and to his talent with Microsoft's Excel program. (The program is available as a free download at [www.shotpeener.com](http://www.shotpeener.com).)

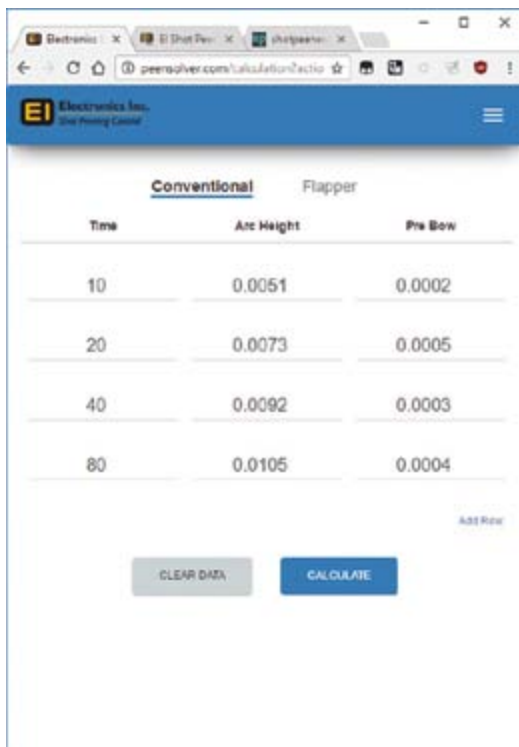
Electronics Inc. has now added the new PeenSolver Web App to its list of shot peening control products. Like Curve



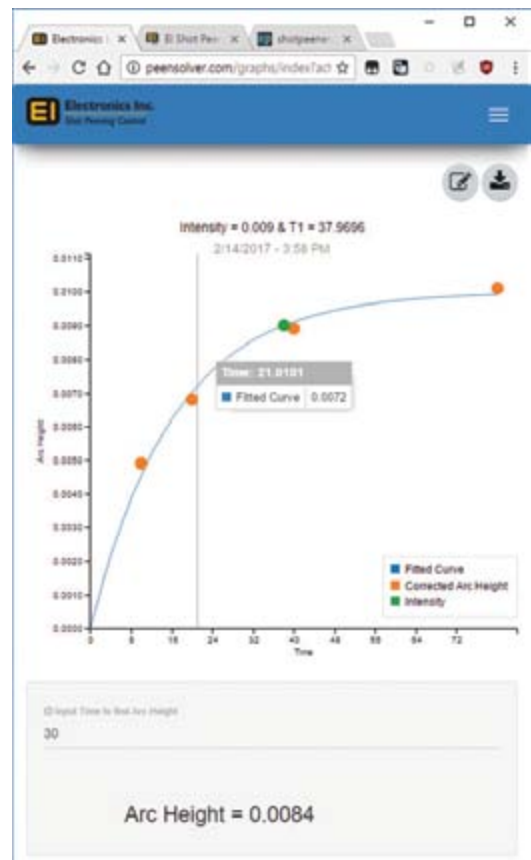
Solver, it's free, SAE J2597 compliant, and uses the same curve-fitting feature and equations Dr. Kirk developed for the Excel-based program. The new PeenSolver Web App isn't meant to replace Dr. Kirk's Curve Solver but it can quickly generate a saturation curve and solve intensity on an array of devices. It has been tested on desktops, laptops, tablets, iPhones, Androids, and even a Blackberry. It requires only a supported web browser. PeenSolver works with Window's Explorer, Google Chrome and Apple Safari.

The PeenSolver solves conventional and rotary-flap saturation curves. It has optional pre-bow input and solutions can be output to a PNG image file. It's 100% free.

Give it a try by pointing your device's browser to [www.PeenSolver.com](http://www.PeenSolver.com). ●



Data Entry Screen



Results Screen