

WeldComputer Integrated Control with Monitoring

Achieve Consistent Welds & Prevent Defects with Integrated Control and Monitoring

The WeldComputer Integrated Control-Monitor is the best value solution for manufacturers seeking both precise welding control for consistent performance AND robust monitoring to prevent abnormal welds from passing undetected through production.

The Integrated Control-Monitor offers distinct advantages over using separate control and monitoring systems. By combining functions into a single unit, you'll get greater system reliability and eliminate all the installation and synchronization issues that arise from connecting separate systems. Once in production, the data collected will quickly provide manufacturers with clear information about improved weld consistency, reduced scrap, and increased production throughput.

Why Customers Choose the WeldComputer Integrated Control-Monitor:

- **Ensure Consistent Heat Delivery**
WeldComputer Control with Monitor systems provide millisecond-level granular heat delivery that's right for every weld. This results in fewer weld variations and consistently higher quality resistance welds, even with changing conditions.
- **Prevent Bad Welds from Leaving Your Factory**
Instantly identify problems as they occur, allowing you to remove abnormal or inconsistent welds before they progress through your production line.
- **Prove the Integrity of Every Weld**
Automatically collect and record comprehensive weld process data for every single weld. Document proof of quality for audit purposes and ensure you are consistently delivering high-integrity production welds.
- **Easily Upgrade to Adaptive Welding**
Adaptive Control capabilities can be added to the installation to instantly correct and compensate for weld variations from factors such as changing electrode conditions, geometry variation, fit-up problems, surface contamination and other sources of variation.

Features and Benefits

- ✓ Maximize production throughput with data-driven insights.
- ✓ Ensure superior weld quality and consistency through real-time measurement.
- ✓ Prove weld quality and performance with data storage for millions of welds and thousands of weld schedules.
- ✓ Immediately identify welding problems with advanced criteria for detecting and reporting weld variations.
- ✓ Ensure your monitoring is always synchronized with the control.
- ✓ Control any resistance welding process with unmatched versatility.
- ✓ Improve your system and future-proof your investment by upgrading to our Adaptive technology at any time.
- ✓ Fast delivery times!

