



Superior Welding at an Exceptional Value

Starting at
\$9,950!

The WeldComputer Control is the most affordable resistance welding control for every operation

It's expensive to run a resistance welding operation. For many manufacturers, replacing their control is the first step in achieving improved weld quality, increasing their production throughput, and maximizing their margins. The WeldComputer Control is the easiest and most accessible way for you to gain consistent heat control performance and reduce variability for your resistance

welding operation. Add the WeldComputer Control to any machine to improve weld quality, increase production throughput, and maximize your margins.

By simply using a WeldComputer Control, your organization can save money and time while driving increased production throughput. **Most organizations can reach an investment payback within six months!**

Why customers choose the WeldComputer Control

- **Fewer weld variations mean better consistency**
WeldComputer Controls allow for millisecond-level granular control, and consistent heat means fewer variables at play.
- **Lower cost to own and operate**
WeldComputer Controls are designed to be more reliable, provide more value, and last longer than other resistance welding controls.
- **Configured specifically for your application**
Create an ideal system to suit your needs without the extras you may not need. You can add modules as requirements change.



Benefits of the WeldComputer Control

- ✓ Mounts on any resistance welding machine
- ✓ Connects to any existing AC, MFDC, Three Phase Full Wave, Three Phase Half Wave, or Frequency Converter transformer
- ✓ Long lifetime value with typical systems capable of over 450 million welds
- ✓ Lasts 4x+ compared to other control life expectancies
- ✓ Reduces electrical power requirements up to 40%
- ✓ Immune to power line and voltage fluctuations
- ✓ Configurable weld schedule structure with an easy-to-use interface
- ✓ Easily serviced in-field with modular components
- ✓ Built-in safety features to protect the operator
- ✓ Fast delivery times!
- ✓ Upgradable capabilities in-field with optional add-on modules

WeldComputer Control Advantages



Consistency

Achieve consistent, high-quality welds with real-time data to prove it. Mount to any machine and use any transformer – AC, Frequency Converter, Three Phase Full Wave, MFDC – to gain optimal welding performance.



Reliability

Avoid costly downtime. Our Controls are built to last decades in harsh factory environments. With our remote service capabilities, if problems happen, our resistance welding experts can get you back up and running – fast.



Quality Assurance

Analyze the performance of your welding operation and prove the integrity of your welds. Our monitoring technology and systems include the instrumentation and data to give you and your customers confidence in the quality of your products.



Efficiency

Improve your welds and the bottom line starting day one. WeldComputer Adaptive Controls give you the power to increase throughput while cutting costs and energy usage.

What's Included

Not all welding controls are equal. The WeldComputer Control is the trusted choice for high-quality resistance welding with precise heat control and reliability for any resistance welding manufacturer.

Technical Specifications

- ✓ Superior current regulation granularity even using an existing transformer
- ✓ Range of power supply assemblies from 150A to 14000A primary current
- ✓ 10,000 job setup capacity
- ✓ 1,000s of weld schedule steps for every set up
- ✓ Fully integrated keyboard
- ✓ Data visibility through a graphical display
- ✓ PLC integration
- ✓ Industrial-grade NEMA 12 enclosure
- ✓ Capacitors with 4x life expectancy compared to other inverter systems
- ✓ Low-inductance laminated bus bars for power surge resilience
- ✓ High-efficiency chill blocks extend the power system life expectancy
- ✓ Low-cost software upgrades
- ✓ Remote management of weld schedules*
- ✓ Digital I/O options to eliminate the need for a separate PLC*
- ✓ Cascade fire up to 16 machines from a single control, even with multiple machines operating with different types of transformers*
- ✓ Online storage for over 100 million welds*
- ✓ And choose modular components to expand features, add an integrated welding monitor, and adaptive capabilities!

* Optional enhancements

