



Micro Welder Resistance Welding Control

The only truly multi-variable adaptive control is now available in a bench top package. The system, which easily interfaces to any micro welder or low power weld machine, is targeted for medical, electronic, nuclear and other applications where consistent weld performance and documented quality is critical. The unit is capable of making hundreds of decisions every millisecond to improve the consistency of each weld produced and reduce the incidence of bad welds in the first place. Installing a WeldComputer® Multi-Variable Adaptive Control

- Interface directly to any resistance welding transformer regardless of type (single phase, three phase or mid-freq DC).
- Control any type of resistance welding machine or process (spot, projection, seam, stud).
- Emulate any weld function with capabilities far exceeding that of any other weld control.
- Provide more comprehensive data collection with superior signal integrity.
- Make hundreds of decisions and render adjustments on a millisecond-by-millisecond basis during each weld to reduce the occurrence of bad welds and increase the consistency of all welds produced.
- Provide current profiling capability not achievable with capacitive discharge welders.
- Prevent current variation from power line fluctuations.



WeldComputer offers the best overall upgrade solution without the cost of purchasing and installing expensive replacement transformers that can actually degrade the performance of the welding process. Rather than being forced to select a transformer to satisfy the needs of the control, WeldComputer Corporation recommends selecting the weld transformer that is best suited for the specific welding application; then select the control that is optimally suited to operate with the selected transformer.