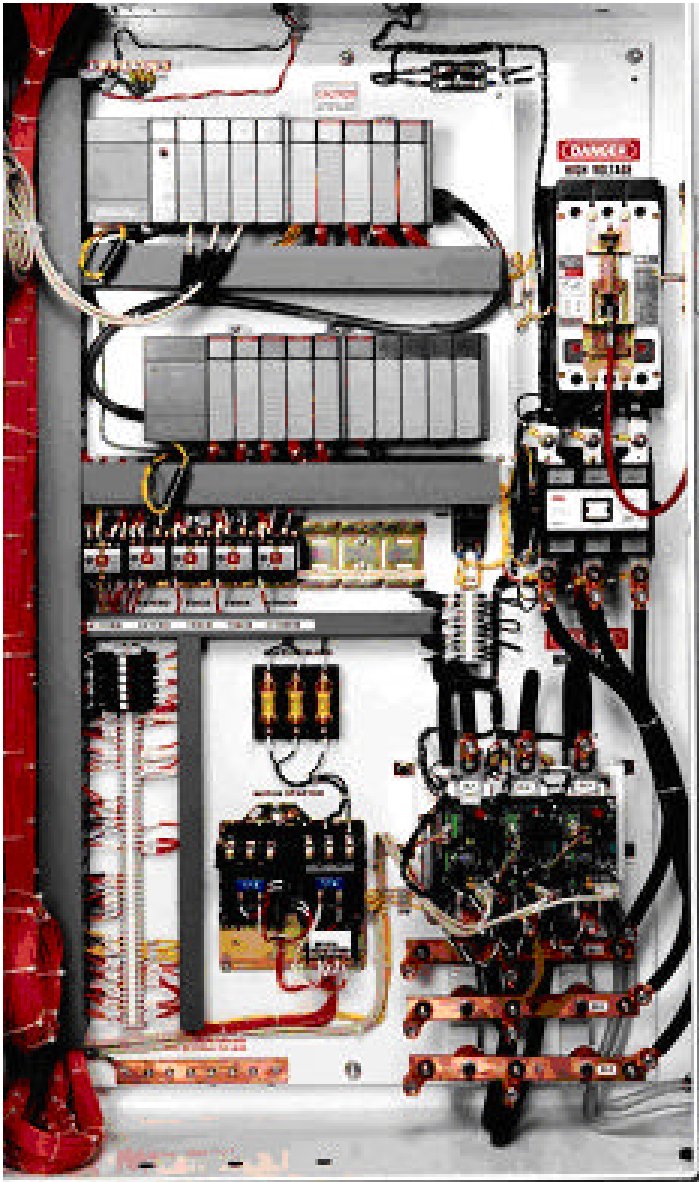




## MedWeld 3000 Series Controls



- ✓ *Use a common interface device for programming the machine / robot and the weld control.*
- ✓ *Reduce floor space requirements and expensive interconnection cabling by integrating within one enclosure.*
- ✓ *Match the superior machine / robot features with the MedWeld control's innovative monitoring and advanced control algorithms to improve welding quality.*
- ✓ *Reduce the amount of hardware required for complete system integration in order to increase reliability and total system up time.*
- ✓ *Standardize on similar components for machine, robot and welding controls for ease of maintenance.*
- ✓ *Similarity between the single-phase AC welders, three-phase DC welders and the MFDC Inverter welders will simplify user interface.*
- ✓ *Integrates with WTC's plant network system or the user can port over the MedWeld welding data via the backplane to the machine or robot network.*

***Only WTC has proven performance with integrating resistance-welding controls in other systems. The MedWeld 3005 as shown above is producing automotive and industrial components worldwide.***

***All MedWeld 3000 in the past have integrated with the following systems:***

- ✓ *MedWeld 3001: ABB Robotics S3PC*
- ✓ *MedWeld 3002: Texas Instrument Machine Controller*
- ✓ *MedWeld 3003: Nachi Robotics Systems -AR, AW & AX*
- ✓ *MedWeld 3004: Fanuc Robotics Systems -RJ3*
- ✓ *MedWeld 3005: Allen-Bradley -1747 SLC 500*
- ✓ *MedWeld 3006: Motoman Robotics Systems -XRC*



# Integrated Resistance Welding Controls for PLC and Robotic Welding Applications



## Technical Reference Catalog

The MedWeld 3000 Series Welding Controls Technical Reference Catalog is available on-line in PDF format.

This catalog describes various configurations, options and accessories including dimensional properties of enclosures.

Go to this URL:

<http://www.weldtechcorp.com/documentation/index.html>

## MedWeld Kits

Kits are available in various formats from single AC, multi AC, Inverters, and Three Phase Synchronous Welding Systems.

Complete documentation is available for the engineer to detail the whole system in precise terms.

WTC has a great track record in working together with various machine and robot control companies.



## Remote Power Enclosure Systems

Users who prefer to separate high voltages from the control enclosure can select remote power enclosure systems. All the high voltage circuits such as the circuit breaker, the isolation contactor, the SCRs and firing modules would be located in this enclosure. The welding processor module is shipped with the enclosure for insertion into the robot or machine controller rack for integration. The Medar supplied firing cables and user select I/O would be used to interconnect the remote power enclosure to the controller.



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