

OUR CORE COMPETENCIES

At WTC, we promote a culture of delivering with integrity. It is this commitment to quality that underpins all that we do. Every team member is focused on bringing unparalleled value for our customers. We want to think bigger, push further and ask the questions others don't so that you can elevate your performance to the next level and achieve manufacturing excellence.

- ▶ AGILE DEVELOPMENT
- ▶ FLEXIBILITY WITH EXPERTISE
- ▶ WORLD CLASS MANUFACTURING
- ▶ EXPERT RELIABILITY
- ▶ TECHNOLOGY LEADERSHIP
- ▶ COMMITTED WELDING RESEARCH & DEVELOPMENT

SOLVE
SUPPORT
INNOVATE

SERVICE & SUPPORT

REPAIRS & REFURBISHMENT

Strategic global partnerships allow WTC to offer comprehensive rapid support to customers worldwide. WTC maintains a full service group through Industrial Technical Services (ITS). This highly skilled group with deep industry knowledge and experience ensures expeditious diagnosis and resolution of your problem.

KNOWLEDGE PORTAL

WTC customers gain special access to our extensive Knowledge Resource Portal with latest product documentation, drawings, catalogs, how-to-videos and more.

To get started go to:
www.weldtechcorp.com/Login-procedure



DELIVERING SOLUTIONS
FOR MANUFACTURING
SUCCESS

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WTC is a wholly owned subsidiary of Nadex Co. Ltd; Japan
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Partnering with customers to provide knowledge and solutions developed for today's manufacturing needs.



Product development at WTC endeavors to create tools that leverage your manufacturing processes. It is this commitment to innovation that drives and inspires our teams to lead the industry with the most advanced technology solutions.

WE DELIVER PROVEN MANUFACTURING SOLUTIONS TO COMPANIES IN AUTOMOTIVE, AEROSPACE, RAIL TRANSPORTATION, CONSUMER APPLIANCE, BATTERY MANUFACTURING AND OTHERS WORLD WIDE. WE FOCUS ON PROVIDING ENGINEERING EXCELLENCE WITH PATENTED WELDING PRODUCTS INCLUDING FAST RISE TIME RESISTANCE WELDING CONTROLS, INTELLIGENT WELDING ALGORITHMS AND NETWORK PRODUCTS WITH MAINTENANCE AND QUALITY DATA COLLECTION.



PRODUCTS

- WT6000 UNIPACK (Sizes for Steel, Advanced High Strength Steel, Ultra High Strength Steel, Boron Steel, Aluminum and other metals
- WT6000 MultiPak (For up to 3 UniPaks within the same package)
- VIEW-R (Production Floor Data Concentration and Process Data analyzation)
- Resistive Adaptive Feedback Technology (RAFT)
- SOFTQ

INTELLIGENT Weld Controls

Smart resistance welding technology designed to support the highest levels of manufacturing integrity.

SOLUTIONS FOR:

- Spot Welding
- Seam Welding
- Robotic Welding
- Portable gun Welding
- Portable trans-gun Welding
- Projection welding

Reliable Superior Welding Algorithms. Adaptive Processes. Remarkable Accuracy. Built-in Precision Diagnostics. Quality Tools. Continuous Improvements.

NETWORKING & DATA COLLECTION:

NEVER MISS A MILLISECOND. The **View-R** offers the manufacturing environment a powerful dedicated resource for data collection of resistance welding results from networked WT6000 controls. Ethernet connectivity allows the flow of data to the factory floor level and a higher network.

QUALITY Data Analytics

Your data becomes your opportunity with quality process analytics and verification tools.

- **SOFTQ** - Monitoring of Tooling, Process and Nugget Integrity
- **RAFT** - Intelligent changing of the welding method to overcome process changes
- **FORCE MONITORING** - Real time force monitoring and force alarms during the weld.
- **FORCE CONTROL** - Change force during the weld coordinating with Robot Control.
- **VOLT/SECOND FIRING** - Switch from Constant Current to Volt/Sec Firing for Projection Welding
- **FAST RISE TIME** to Target Current - Achieve Target Current Faster
- **BALANCED FIRING** of Weld Transformer - Avoid Weld Transformer Saturation
- **GRAPHICAL REPRESENTATION** of Resistance, Current, Force and Energy (ms time base)
- **EXPULSION FREE REPORTING** - Minimize or Eliminate Expulsion

THINK BIGGER. PUSH FURTHER AND ASK THE QUESTIONS OTHERS DON'T.