WT6000 AC

The WT6000 AC control powered by GEN6 technology offers flexible intuitive programming for customization of your welding process. Combined with the guidance of built in diagnostic tools, the WT6000 will support process control of your resistance welding application

- O Up to 255 Weld Programs
- Multi-Language Programming
- Web Based Interface
- O Free Format Programming for Various Applications
- O Configurable I/O
- O Network Ready (Weld Gateway / RAFT ™ Gateway)
- O Various I/O Connectivity

 Device Net, Ethernet IP, ProfiNet, ProfiBus
- Weld Tool Efficiency Monitoring
- Automatic Power Factor Compensation
- O Laptop or DEP Interface for Programming and Data Acquisition
- Secondary Current & Voltage Monitoring
- Oscilloscope Quality Data Archiving
- O 220v-600VAC 50/60hz Mains
- O Integrates with PLC for Discrete I/O machines



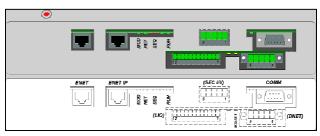
WT6000 AC powered by GEN6 processing technology

Supported Languages: English, German, French, Spanish, Portuguese, Chinese, Korean, Polish





WT6000



WT6000 Processor

WT6000 Connectivity

- Two (2) 100BASE T Ethernet Ports
- Local I/O Port
- Device-Net, EIP, ProfiBus or ProfiNet Connectivity
- **Secondary Current & Voltage Channels**
- Serial RS485 Port

Multi-Pack Configurations Automated Cascade Configurations DCIT Gun Station Controls Seam Welding

Projection Welding External Control Interfaces (ECI)

WT6000 Welding Applications

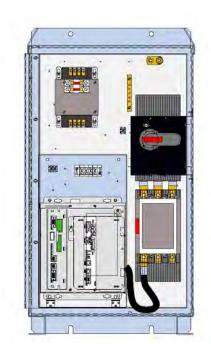
Optional Devices

Robotic Welding

Data Entry Panels (DEP100,300)

Weld Interface Laptop Software

Weld / RAFT Gateway Network Software



WT600N-A1 Stand Control

seedorffacme.com

Power Source	
Voltage:	Single Phase AC 220V - 600V (± 10%)
Line Power Frequency:	50/60Hz (Automatic Selection)
Device Type:	SCR - Water Cooled - 1650A
Power Consumption:	70VA (Idling Condition)
Processor	
Weld Processor:	WT6000 Integrated
I/O Protocol:	Ethernet IP 10/100BASE T
Optional I/O Protocol:	Device Net, PROFINET, PROFIBUS
Onboard Inputs:	2 x 24VDC
Onboard Outputs:	3 x 120VAC
Number of weld schedules:	255
Number of steppers:	32
Processor Storage Type:	F-RAM (No Battery Required)
Weld Processor Languages:	English, French, German, Spanish, Portuguese,
	Chinese, Korean, Polish

Monitoring and Control Functions	
Firing Control:	SCR Phase Control with Auto Power Factor
Firing modes:	Primary Constant Current Secondary Constant Current Voltage Control
Primary Current Accuracy:	± 1% Setting, ± .5% Repeatability
AC Mains Measurement Accuracy:	± 1% Setting, ± .5% Repeatability
Secondary Current Accuracy:	± 2% Setting, ± 1% Repeatability
Secondary Voltage Accuracy:	± 3%
Secondary Resistive Accuracy:	± 3%
Digital Scope Function:	1 MHz Equivalent Uploads to PC
Duty Cycle Protection:	Weld Transformer Duty Cycle

WT600N-A1 Stand MFDC

- 250 amp, 2 -Pole Circuit Breaker (400 amp Option) with Magnetic, Thermal, and External Shunt Trip
- Size 4 Isolation Contactor (Size 5 option)
- 250VA Control Transformer
- LIO for Shunt Trip, Isolation Contactor, Control Stop
- GEN6 WCU 1650 Amp SCR Water Cooled @50% Duty Cycle
- 0 Integrated 6000 Processor Module
- 0 Dimensions (950H x 510W x 410D (mm)) (37.4"H x 20"W x 16"D)
- Device-Net, EIP, ProfiNet, ProfiBus or Discrete I/O connectivity
- Tip Dress Control & Monitor option

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