

Built for Precision. Engineered for the Field.

The AutonoWeld™ AW-215 brings the muscle and control behind SEC's closed-style orbital weld heads. Designed for power, precision, and reliability, it delivers consistent TIG performance for critical tube and pipe welding applications from cleanroom fabrication to field installs.

Rugged where it counts and intelligent where it matters, the AW-215 combines fully programmable control with advanced safety systems and seamless head integration. This is orbital power, simplified and strengthened for real-world work.

Performance that Shows Up to Work

5-200 Amp Range

Smooth, stable current for fusion applications across stainless, titanium, carbon, and exotic alloys.

Dual-Circuit Cooling

Water-cooled design keeps welds consistent and equipment protected through long runs and high-duty cycles.

Programmable Memory + Data Storage

Save up to 600 parameter sets and 2,000 weld records for repeatable precision and built-in traceability.

Safety-First Systems

Integrated high-voltage, high-current, flow, and over-temperature monitoring to protect both operator and machine.



Automatic Head Recognition

Pairs instantly with S-Series weld heads, automatically detecting head type.

Full-Color Control Display

Real-time weld status, data logging, and easy tungsten change. Designed by welders, not software engineers.

Compact + Field-Ready

Tough housing, manageable footprint, and smart cable routing for easier handling on-site or in-shop environments.

Applications

- High-purity tube systems
- Chemical and petrochemical processing
- Field and pre-fab pipe welding
- Energy and nuclear infrastructure
- Biopharma and semiconductor fabrication
- Aerospace and defense

Specifications	Details		
Input Power	4.5 kVA	90–265 V AC (auto-select)	nominal 220 V ±10%
Dimensions	Height: 21.65"	Width: 14.17"	Depth: 14.17"
Weld Current	Up to 200(A) @ 60%		155(A) @ 100%
Weight (with coolant)	72.8 lb		
Programmable Memory	600 parameter sets		
Weld Record Storage	2,000 records		
Interface / Connectivity	USB import/export		10 languages supported
Protection / Insulation Grade	IP21		F-class
Compatible Heads	S-50, S-65, S-150, S-450		
Weldable Materials	Carbon steel, stainless steel, titanium, exotic alloys		

Power That Works as Hard as You Do

Pair the AW-215 with any AutonoWeld™ weld head for a complete orbital welding setup that is tested, tuned, and ready for the demands of critical infrastructure work. When uptime, precision, and performance are non-negotiable, this is the power supply you trust.