



**WELDLOGIC**  
FORMING & WELDING SOLUTIONS

WELDING SOLUTIONS  
FOR ADVANCED  
MANUFACTURING

# AWS-PA-10-100



► **Advanced Welding System to start & weld from 0.10 Amperes to 100.00 amperes.**

This unique power supply was designed by Weldlogic innovative engineers 40 years ago to satisfy the need for a reliable starting Micro-Tig welder to join edge welded bellows down to .001" to .001" I.D. & O.D. edge. This challenge was quite significant in 1979, but relentless efforts and 2 years of development we accomplish our goal. An ultra-low current arc starter that allows you to select the starting amperage down to 0.10 amperes and delivers a stable arc at currents as low as 0.10 amperes.

Weldlogic engineers have now packaged this unique arc starter and power supply into our A.W.S. Advanced Welding System software to offer the end users a suite of tools to control the entire weld with A.C. Servo driven accuracies along with our PA-10-100 . Easy Program development at your P.C. with weld program transfer via thumb drive or enter and save in a 12" HMI. System repeatability better than 1%.



To receive a quote, call or email us today! [Sales@weldlogic.com](mailto:Sales@weldlogic.com)

**WELDLOGIC USA**

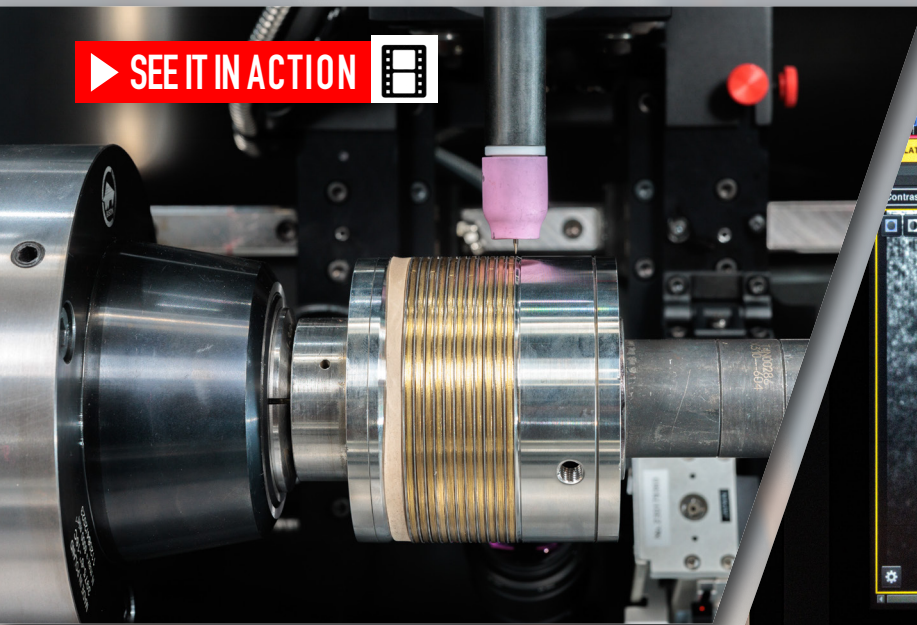
2651 Lavery Court  
Newbury Park, CA 91320  
Tel. 805.498.4004 | Fax. 805.498.1761

**WELDLOGIC.COM**

**WELDLOGIC EUROPE**

Blackstone Road, Huntingdon  
Cambridgeshire, PE29 6EF, UK  
Tel. 01480 437478 | Fax. 01480 437479

▶ SEE IT IN ACTION



## Track-Weld-Inspect

### ▶ Advanced Programming Options

- Customized Software & Hardware
- Multi-Axis positioning
- Multi-Axis motion control
- Designed to order Torches
- Laser Seam Tracking
- System integration
- Laser Weld Inspection
- Build to order



### ▶ Basic Programming Specifications:

Torch gas ( Prewflow)	1.0-10.00 seconds	Pulse Width %	1.0%-99.0%
Purge gas ( Prewflow)	1.0-100.0 seconds	Pulses Rate	1.0- 500.0 Pulses Per second
Aux-gas ( Prewflow)	1.0-100.0 seconds	Down Slope	0.10 – 10.00 seconds
Start Delay	0.0-10.00 seconds	Electrode Start gap	.001”- 500” Distance
Running Start	On / Off	Electrode Retract	.001” – 2.500” Distance
Starting Current	0.10 – 100.00 amperes	Weld Speed	0.10 – 100.00 R.P.M.
Upslope	0.10_ 10.00 seconds	Weld Direction	C.W. / C.C.W.
Hold Current	On / Off	Return To Home	On/Off
Hold current value	0.10 -10.00 amperes	Weld Counter	1- unlimited
Peak Weld Current	0.10-100.00 amperes	Memory	unlimited
Background current	.010-100.00 amperes	Program Storage	Thumb drive or Network

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