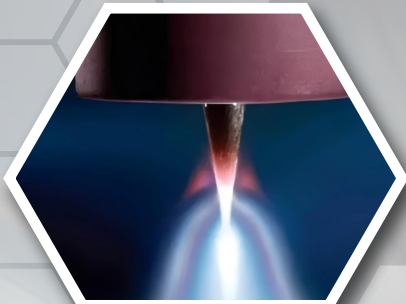




**WELDLOGIC**  
FORMING & WELDING SOLUTIONS

WELDING SOLUTIONS  
FOR ADVANCED  
MANUFACTURING

# AWS-PA-10-100



Micro - Tig



Micro - Plasma



► **Advanced Welding System to start & weld from 0.01 ampere 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. A ultra-low current arc starter that enables you to select the starting amperage down in 0.10 amperes and provide a very stable arc down to 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**

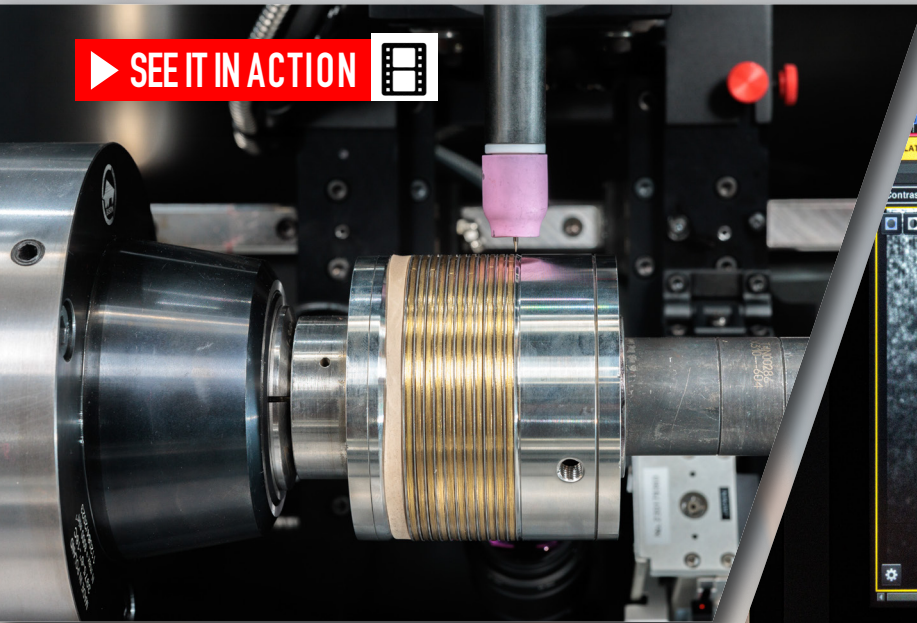
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**WELDLOGIC.COM**

**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
Purge gas ( Prewflow)	1.0-100.0 seconds
Aux-gas ( Prewflow)	1.0-100.0 seconds
Start Delay	0.0-10.00 seconds
Running Start	On / Off
Starting Current	.010 – 10.00 amperes
Upslope	0.10 _ 10.00 seconds
Hold Current	On / Off
Hold current value	0.10 -10.00 amperes
Peak Weld Current	0.10-100.00 amperes
Background current	.010-100.00 amperes

Pulse Width %	1.0%-99.0%
Pulses Rate	1.0- 500.0 Pulses Per second
Down Slope	0.10 – 10.00 seconds
Electrode Start gap	.001”- 500” Distance
Electrode Retract	.001” – 2.500” Distance
Weld Speed	0.10 – 100.00 R.P.M.
Weld Direction	C.W. / C.C.W.
Return To Home	On/Off
Weld Counter	1- unlimited
Memory	unlimited
Program Storage	Thumb drive or Network

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