AMADA WELD TECH



PA-H040A Pulsed Arc Power Supply (formerly known as PA-40P)

The PA-H040A Programmable Pulsed Arc Power Supply is a single output unit, commonly supplied for laboratory use or single torch volume manufacture in 40 amp output configuration. The unit also provides options for programmable gas shield control.
Typical pulsed micro arc welding applications include wire to pin terminations, stranded wire consolidation and wire to component joining.

Key Features PA-H040A Pulsed Arc Power Supply

- Colour Touch Screen with graphical weld tracing
- Constant Current Arc control to within 1% accuracy
- Single or Double Pulse outputs
- Simple to use, intuitive touch key menu.
- Compact, high performance and low cost
- Single phase 115VAC or 230VAC operation (PA-H020A, PA-040A, PA-H060A)
- The 100 Amp unit is three phase 380 / 460VAC (PA-H100A, PA-H200A)
- One, two or four output variants with 20 to 200 amp outputs + options for gas control

AMADA WELD TECH

Specifications PA-H040A Pulsed Arc Power Supply (formerly known as PA-40P) 1/2

Model	PA-H020A	PA-H040A	PA-H060A
Maximum Output Current	20 Amps DC	40 Amps DC	60 Amps DC
Duty cycle	5% @ 20A	5% @ 40A	5% @ 60A
Open circuit voltage	80VDC	60VDC	60VDC
Options	1,2 or 4 outputs	1 or 2 outputs	1 output Multi output on request
Mains supply 50/60Hz	110V/230VAC +/-15%	110V/230VAC +/-15%	110V/230VAC +/-15%
Up slope time (0.1 ms steps)	0.1 - 99.9 ms	0.1 - 99.9 ms	0.1 - 99.9 ms
Peak weld time (0.1 ms steps)	0.1 - 999.9 ms	0.1 - 999.9 ms	0.1 - 999.9 ms
Down slope time (0.1 ms steps)	0.1 - 999.9 ms	0.1 - 999.9 ms	0.1 - 999.9 ms
2nd pulse weld delay time	1 - 999 ms	1 - 999 ms	1 - 999 ms
Cooling (overheat protected)	Fan	Fan	Fan
Max gas pressure	1 Bar - Single Output	1 Bar - Single Output	1 Bar - Single Output
Gas pre/purge timing	Programmable	Programmable	Programmable
WEIGHT & DIMENSIONS			
Dimensions (D x W x H)	490 x 270 x 300mm	490 x 270 x 300mm	490 x 270 x 300mm

AMADA WELD TECH

Specifications PA-H040A Pulsed Arc Power Supply (formerly known as PA-40P) 2/2

Model	PA-H100A	PA-H200A
Maximum Output Current	100 Amps DC	200 Amps DC
Duty cycle	5% @ 100A	5% @ 200A
Open circuit voltage	45VDC	45VDC
Options	1 output Multi output on request	1 output
Mains supply 50/60Hz	380 / 415 / 460VAC 3 phase	380 / 415 / 460VAC 3 phase
Up slope time (0.1 ms steps)	0.1 - 99.9 ms	0.1 - 99.9 ms
Peak weld time (0.1 ms steps)	0.1 - 999.9 ms	0.1 - 999.9 ms
Down slope time (0.1 ms steps)	0.1 - 999.9 ms	0.1 - 999.9 ms
2nd pulse weld delay time	1 - 999 ms	1 - 999 ms
Cooling (overheat protected)	Fan	Fan
Max gas pressure	1 Bar - Single Output	1 Bar - Single Output
Gas pre/purge timing	Programmable	Programmable
WEIGHT & DIMENSIONS		
Dimensions (D x W x H)	445 x 560 x 220mm	445 x 560 x 220mm

AMADA WELD TECH

Product applications PA-H040A Pulsed Arc Power Supply (formerly known as PA-40P)



Connector pin termination



Micro wire pin connections



Micro wire pin termination



TIG ball & Wire combination



Wire to component pin



Zero contact coil termination

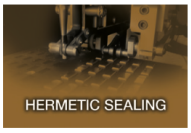
AMADA WELD TECH

OUR TECHNOLOGIES









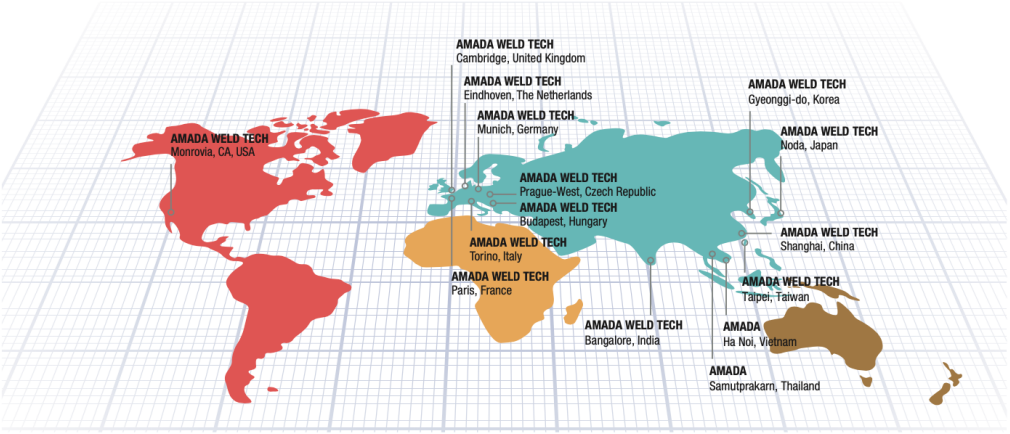








OUR SALES OFFICES



AMADA WELD TECH

AMADA WELD TECH GmbH
Lindberghstrasse 1 • DE-82178 Puchheim, Germany
T: +49 (0) 89 83 94 030 • Fax : +49 (0) 89 839403 68
infode@amadaweldtech.eu • www.amadaweldtech.eu
ISO 9001 Certified Company

Please contact our worldwide network here:

follow us on:

All data, images and text are subject to change at any time. AMADA WELD TECH GmbH reserves the right to change, modify, delete and add technical specifications and product details at any time without prior notification. © 2020 AMADA WELD TECH GmbH.

WWW.AMADAWELDTECH.EU