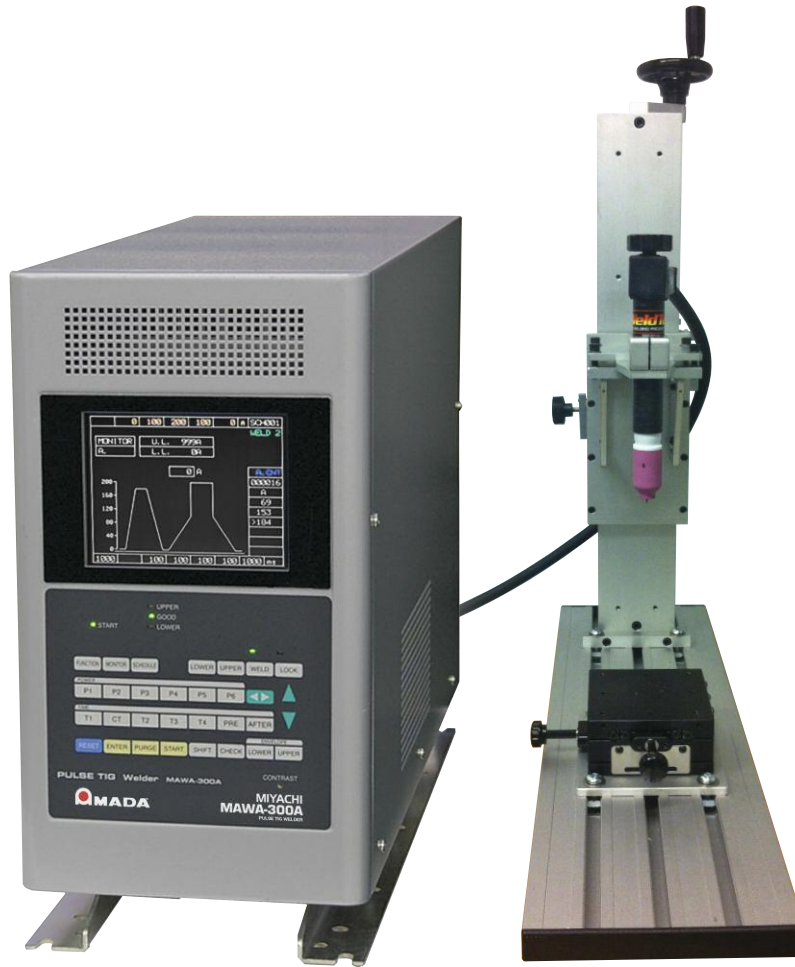
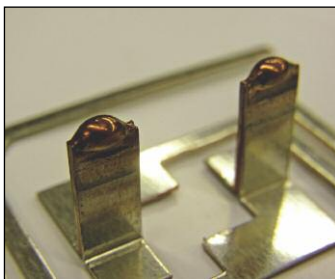


Micro TIG Accessories



- Safety
- Torches and electrodes
- Stand and tooling
- Gas handling
- Cables

TYPICAL APPLICATIONS



Bus bars



Tab welding



Wire to bus bar

SAFETY

TIG welding generates an intense arc of light - some of which is in the ultraviolet spectrum - and proper safety is important to protect eyes and skin from damage. In addition, parts and tooling may be hot after welding and must be handled carefully.

To protect eyes and skin, AMADA MIYACHI AMERICA recommends wearing both a welding helmet and gloves.



Welding helmet with auto-darkening (shade 13) glass.



Item	Part Number
Welding helmet	900-383 (blaze)
	900-384 (black)
Welding gloves	090-024 (Medium)
	090-025 (Large)
	090-026 (X-Large)

TORCHES AND ELECTRODES

In addition to a power supply like the MAWA-300A, TIG welding requires both torches and electrodes. Proper selection of these items can help ensure successful welding. Furthermore, because electrodes wear down over time, they must be periodically sharpened.



TORCH

Torches may be air or water cooled

Item	Part Number
Torch – air cooled, 1/16" electrode, 3/8" nozzle includes part number 010-019 1/16" 2% lanthanated tungsten electrodes	10-600-01
Torch – air cooled, 3/32" electrode, 3/8" nozzle includes part number 010-020, 3/32" 2% lanthanated tungsten electrodes	10-601-01

ELECTRODES

Replacement tungsten electrodes

Item	Part Number
Electrode 2% lanthanated tungsten 1/16" x 7" (pack of 10)	010-019
Electrodes, 2% lanthanated 3/32" x 7" (pack of 10)	010-020



ELECTRODE GRINDER

Item	Part Number
Portable electrode grinder	701-077

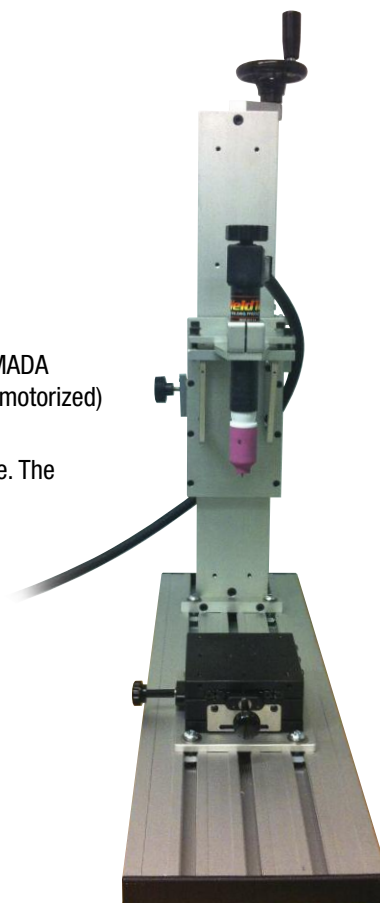
STAND AND TOOLING

Precision welding, requires a sturdy stand and excellent positioning. AMADA MIYACHI AMERICA's stand mounts the torch on a manual (or optionally motorized) z-axis. The base features t-slots for easy part positioning.

Add an X-Y stage for precision parts positioning relative to the electrode. The stages have a full travel range of 1" x 1".

Item	Part Number
Stand, manual Z	701-078
Stand, motorized Z*	10-611-01
XY unit, 1" travel	524-043
Adapter Plate	701-079

*Note: Touch start requires motorized stand.



GAS HANDLING

Arc welding must be generated in an inert environment. Typical gases used are argon and helium. AMADA MIYACHI AMERICA recommends the following tubing and regulators for use with the MAWA power supply:

REGULATOR

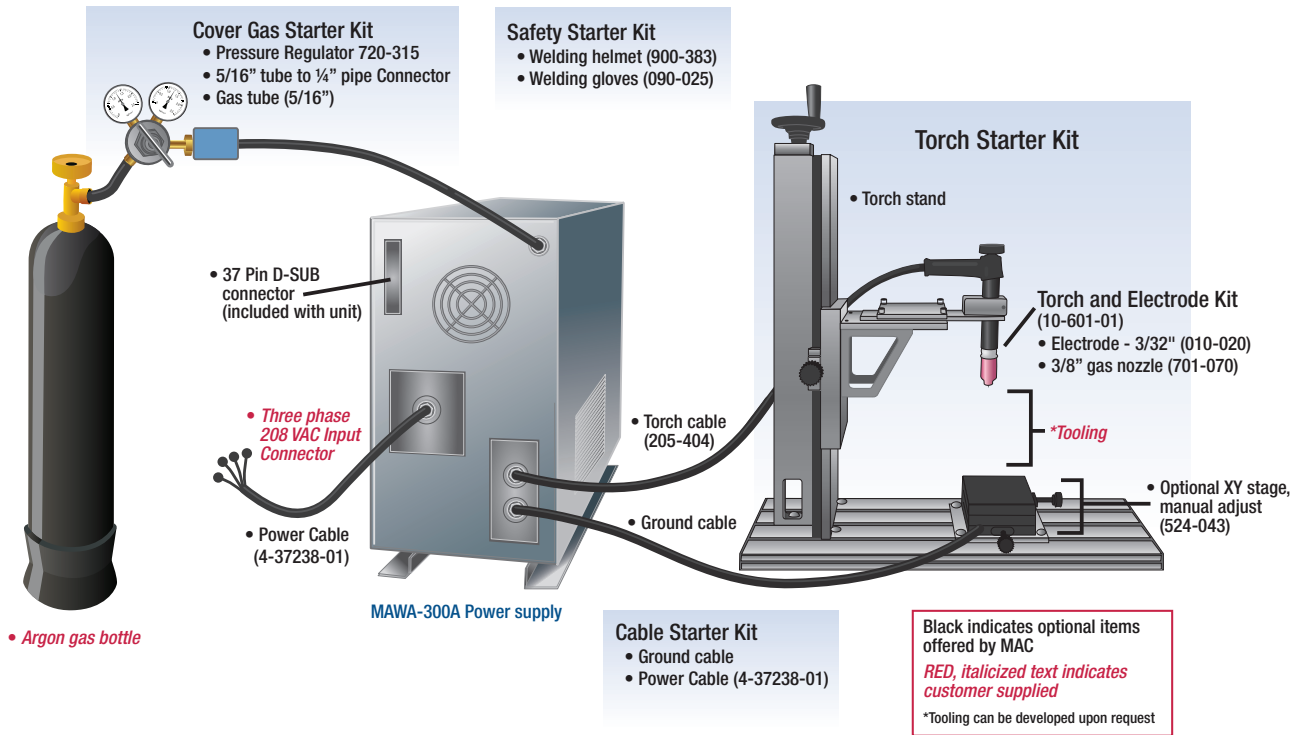
Item	Part Number
Regulator	720-315
Tubing, 5/16" OD, 25 ft long	050-267
Connector 5/16" OD tubing to 1/4" pipe	325-433



CABLES

Cables and components required for operating MAWA-300A.

Item	Part Number
Power cable (10 ft)	4-37238-01
Grounding cable (3 meters)	1199093



MICRO TIG STARTER KITS

Item	Description	Part Number
Micro TIG torch starter kit, 1/16"	Torch kit includes air cooled torch, 1/16" 2% lanthanum tungsten electrodes, 3/8" gas nozzle	10-600-01
Micro TIG torch starter kit, 3/32"	Torch kit includes air cooled torch, 3/32" 2% lanthanum tungsten electrodes, 3/8" gas nozzle	10-601-01
Micro TIG torch stand	Torch stand includes manual z axis and t-slot base for part and tool mounting	10-611-01
Micro TIG cover gas starter kit	Gas connector kit includes - gas regulator, connector for 5/16" quick connect to 1/4" piping, 5/16" tubing	10-620-01
Micro TIG cable starter kit	Cable Starter Kit includes grounding cable, power cable	10-630-01
Micro TIG safety starter kit	Micro TIG safety starter kit includes welding helmet with auto-darkening glass - color black, welding gloves	10-650-01



1820 S. Myrtle Ave. • Monrovia, CA 91016 US
 T: (626) 303-5676 • F: (626) 358-8048
 info@amadamiyachi.com • www.amadamiyachi.com
 ISO 9001 Certified Company • 24/7 Repair Service: 1-866-751-7378

AMADA MIYACHI AMERICA, INC.

AMERICAS
AMADA MIYACHI AMERICA (Midwest Office)
 Wixom, MI 48393
 T: (248) 313-3078
 midwestsales@amadamiyachi.com

AMADA MIYACHI DO BRASIL LTDA.
 Sao Paulo, Brasil
 T: +55-11-4193-3607
 antonio.ruiz@amadamiyachi.com

EUROPE
AMADA MIYACHI EUROPE GmbH
 Puchheim, Germany
 T: +49 (0) 89 83 94 030
 infode@amadamiyachi.eu

ASIA
AMADA MIYACHI CO., LTD.
 Noda, 278-0016 Japan
 T: +81-31-8015-6810
 sales@miyachi.com

AMADA MIYACHI SHANGHAI CO., LTD.
 Shanghai, China
 T: +86-21-6448-6000
 jwu@msc.miyachi.com



AMADA MIYACHI KOREA CO., LTD.
 Gyeonggi-do, Korea
 T: +82-4-7125-6177
 dykim@mkc.miyachi.com

AMADA MIYACHI TAIWAN CO., LTD.
 Taipei, Taiwan R.O.C.
 T: +886-2-2585-0161

AMADA MIYACHI (THAILAND) CO., LTD.
 Samutprakarn, Thailand
 T: +66-2-170-5977
 info@mtl.miyachi.com

AMADA VIETNAM CO., LTD.
 Ha Noi, Vietnam
 T: +84-4-6261-4583

AMADA MIYACHI INDIA PVT., LTD.
 Bangalore, Karnataka
 T: +91-80-4092-1749
 or +91-80-4092-3549
 info@miyachiindia.com

AMADA MIYACHI AMERICA (Mexico Office)
 El Paso, TX 79925
 T: (915) 881-8765
 mxsales@amadamiyachi.com

Specifications subject to change without notice. Copyright© 2017 AMADA MIYACHI AMERICA, INC. The material contained herein cannot be reproduced or used in any other way without the express written permission of AMADA MIYACHI AMERICA, INC. All rights reserved.



follow us on: