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Weldcraft™ A-125 Series

Formerly WP-9 Series

Hand-Held Air-Cooled TIG Welding Torches

Quick Specs

Models
A-125
A-125 Valve
A-125 Flex
A-125 Flex Valve
A-125 Flex Redhead™
A-125 Flex Valve Redhead™
A-125 Pencil

Applications
Maintenance and repair
Home/hobby
Metal art/sculpture
Motorsports
Fabrication

Rated Output
DC: 125 A, AC: 100 A

Duty Cycle 60%

Electrode Range
.020–1/8 in. (0.5–3.2 mm)

A-125 Series TIG torches

Formerly known as the WP-9 Series, the A-125 Series torches are designed for optimal control while welding thin-gauge materials, especially in hard-to-reach places. This series offers a variety of configurations suited to diverse welding applications.

The lightweight body reduces fatigue and downtime, and increases operator comfort.

Perfected control. The gas valve in the A-125 Valve offers improved shielding gas control.

Flexibility. Using the A-125 Flex, the flexible neck easily adjusts to any angle for improved torch control.

The pencil-style model without a back cap allows for superior access to confined areas (A-125 Pencil).

Combine the flexible neck and gas valve for welding limited-access joints using power sources without gas solenoids (A-125 Flex Valve).

For maximum versatility on multiple welding applications, without adding expenses, use the A-125 Flex Redhead and A-125 Flex Valve Redhead.

Note: Torches delivered may vary slightly from images shown.



A-125 *(WP-9)*

A-125 Valve *(WP-9V)*

Additional torch models



A-125 Flex *(WP-9F)*



A-125 Flex Valve *(WP-9FV)*



A-125 Flex Redhead *(WP-R9F)*



A-125 Flex Valve Redhead *(WP-R9FV)*



A-125 Pencil *(WP-9P)*

TRUE BLUE® WARRANTY

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MillerWelds.com

ISO 9001 REGISTERED QUALITY SYSTEM

Torch Packages

Models		1-Piece Power Cable Standard Rubber		2-Piece Power Cable Rubber	
Old Model	New Name	12.5 ft. (3.8 m)	25 ft. (7.6 m)	12.5 ft. (3.8 m)	25 ft. (7.6 m)
WP-9	A-125	**WP-9-12-R**	**WP-9-25-R**	**WP-9-12-2**	**WP-9-25-2**
WP-9V	A-125 Valve	**WP-9V-12-R**	**WP-9V-25-R**	**WP-9V-12-2**	**WP-9V-25-2**
WP-9F	A-125 Flex	**WP-9F-12-R**	**WP-9F-25-R**	—	—
WP-9FV	A-125 Flex Valve	**WP-9FV-12-R**	**WP-9FV-25-R**	**WP-9FV-12-2**	**WP-9FV-25-2**
WP-9P	A-125 Pencil	**WP-9P-12-R**	**WP-9P-25-R**	—	—

V *= Valve* ***F*** *= Flex* ***FV*** *= Flex Valve* ***P*** *= Pencil*

Torch packages include torch body, handle, power cable, and long back cap (excluding the A-125 Pencil model).

Connectors

1-piece power cable connectors



194722
50 mm Dinse-style gas thru for one-piece air-cooled torch.



195378
50 mm Dinse-style for one-piece air-cooled torch.



105Z57
Power cable adapter for one-piece air-cooled torch.



273483
25 mm (small) Dinse-style gas thru one-piece air-cooled torch.

2-piece power cable connector

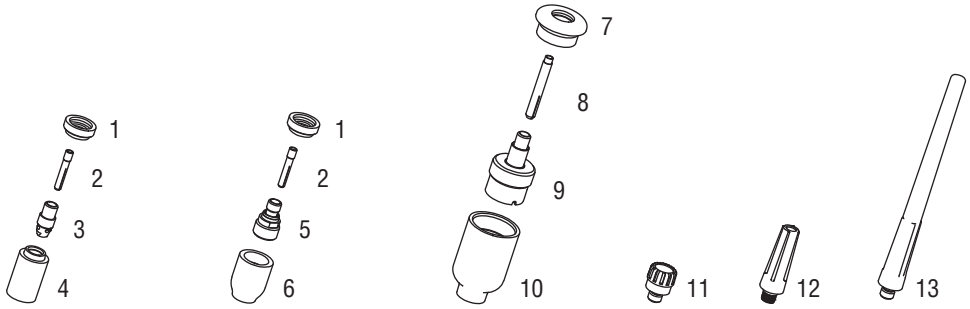


129527
50 mm Dinse-style for two-piece cable air-cooled torch.

Machines	Connection Type	1-Piece Power Cable Connectors	2-Piece Power Cable Connectors
TIG Machines			
Syncrowave® 200/210	50 mm Dinse-style gas thru	**194722**	**129527***
Syncrowave® 250 DX/350 DX (Dinse)	50 mm Dinse-style	**195378**	**129527**
Syncrowave® 250 DX/350 DX (stud)	1/2 in. stud	**105Z57**	N/A
Maxstar® 150 STL/STH	25 mm (small) Dinse-style gas thru	**273483**	**127836***
Dynasty® 200/210/280/350, Maxstar® 200/210/280/350	50 mm Dinse-style	**195378**	**129527**
Multiprocess Machines			
Multimatic™ 200	25 mm (small) Dinse-style gas thru	**273483**	**127836***
Dimension™ 302/452/NT 450/652	1/2 in. stud	**105Z57**	N/A
PipeWorx	1/2 in. stud	**105Z57**	N/A
XMT® 304/350	50 mm Dinse-style	**195378**	**129527**
XMT® 450	1/2 in. stud	**105Z57**	N/A
Engine-Driven Machines			
Most Big Blue®, Trailblazer®, Bobcat™, Blue Star® and Wildcat® models	1/2 in. stud	**105Z57**	N/A
Big Blue® 450 Duo CST	50 mm Dinse-style	**195378**	**129527**
General Reference			
	25 mm (small) Dinse-style gas thru	**273483**	N/A
	50 mm Dinse-style	**195378**	**129527**
	50 mm Dinse-style gas thru	**194722**	N/A
	1/2 in. stud	**105Z57**	N/A
Other Adapter			
	Stud to dinse-style adapter	**232728**	

**2-piece power cable connector is not gas thru.*

Consumables (Refer to Owner's Manual for additional replacement parts.)



Non-Gas Lens

Electrode Size — inch (mm)	.020 (0.5)	.040 (1.0)	1/16 (1.6)	3/32 (2.4)	1/8 (3.2)
1 Insulator (required)	598882	598882	598882	598882	598882
2 Collet	13N20	13N21	13N22	13N23	13N24
3 Collet Body	13N25	13N26	13N27	13N28	13N29

Nozzle Size — size # (inch)	3 (3/16)	4 (1/4)	5 (5/16)	6 (3/8)	7 (7/16)	8 (1/2)	10 (5/8)	12 (3/4)	Short
4 Alumina	—	13N08	13N09	13N10	13N11	13N12	13N13	—	—
* Lava	—	13N14	13N15	13N16	13N17	13N18	13N19	—	—
* Long Lava	796F70	796F71	796F72	796F73	—	—	—	—	—
* X-Long Lava	796F74	796F75	796F76	796F77	—	—	—	—	—

Gas Lens

Electrode Size — inch (mm)	.020 (0.5)	.040 (1.0)	1/16 (1.6)	3/32 (2.4)	1/8 (3.2)
1 Insulator (required)	598882	598882	598882	598882	598882
2 Collet	13N20	13N21	13N22	13N23	13N24
5 Gas Lens	45V41	45V42	45V43	45V44	45V45

Nozzle Size — size # (inch)	3 (3/16)	4 (1/4)	5 (5/16)	6 (3/8)	7 (7/16)	8 (1/2)	10 (5/8)	12 (3/4)	Short
6 Alumina Gas Lens	—	53N58	53N59	53N60	53N61	53N61S	—	—	—

Large Diameter Gas Lens

Electrode Size — inch (mm)	.020 (0.5)	.040 (1.0)	1/16 (1.6)	3/32 (2.4)	1/8 (3.2)
7 Insulator (required)	54N63-20	54N63-20	54N63-20	54N63-20	54N63-20
8 Collet	13N20L	13N21L	13N22L	13N23L	13N24L
9 Large Diameter Gas Lens	45V0204S	45V0204S	45V116S	45V64S	995795S

Nozzle Size — size # (inch)	3 (3/16)	4 (1/4)	5 (5/16)	6 (3/8)	7 (7/16)	8 (1/2)	10 (5/8)	12 (3/4)	Short
10 Large Dia. Gas Lens	—	—	—	57N75	—	57N74	53N88	53N87	53N89
* Large Dia. Gas Lens-L	—	—	—	57N75L	—	57N74L	53N88L	53N87L	—
* Large Dia. Gas Lens-XL	—	—	—	57N75XL	—	57N74XL	53N88XL	53N87XL	—
* Large Dia. Gas Lens-XXL	—	—	—	57N75XXL	—	57N74XXL	53N88XXL	53N87XXL	—

Back Caps

11 Short **41V33** **12** Medium **41V35** **13** Long **41V24**

**Not shown.*

Tungsten

Tungsten for the most demanding TIG welding applications!

Available in four types and industry-standard diameters, our line of Weldcraft™ tungsten electrodes has undergone rigorous testing to ensure the highest quality and durability. Color-coded packages include ten 7-inch (175 mm) tungsten electrodes.

Note: Refer to manufacturer SDS sheets for proper preparation and safety. Use proper ventilation/capture during preparation. Refer to manufacturer warning regarding ventilation.



Type	Diameter in. (mm)	Part #
2% Ceriated (EWCe-2)		
Performs well in DC welding and arc starting at low-current settings, and offers excellent performance in AC processes.	0.040 (1.0)	**WC040X7**
	1/16 (1.6)	**WC116X7**
	3/32 (2.4)	**WC332X7**
	1/8 (3.2)	**WC018X7**
	5/32 (4.0)	**WC532X7**
2% Lanthanated (EWLa-2)		
Provides excellent arc starting, arc stability and re-ignition, and less tip erosion in AC or DC welding. Can substitute for 2% Thoriated.	0.040 (1.0)	**WL2040X7**
	1/16 (1.6)	**WL2116X7**
	3/32 (2.4)	**WL2332X7**
	1/8 (3.2)	**WL2018X7**
	5/32 (4.0)	**WL2532X7**

Type	Diameter in. (mm)	Part #
Pure (EWP)		
Forms a clean, balled end when heated and provides good arc stability for AC welding with a balanced or unbalanced squarewave or sine wave.	0.040 (1.0)	—
	1/16 (1.6)	**WP116X7**
	3/32 (2.4)	**WP332X7**
	1/8 (3.2)	**WP018X7**
	5/32 (4.0)	—
Rare Earth (EWG)		
Combines the best of all alloying elements, and provides excellent arc stability in AC or DC welding.	0.040 (1.0)	—
	1/16 (1.6)	**WG116X7**
	3/32 (2.4)	**WG332X7**
	1/8 (3.2)	**WG018X7**
	5/32 (4.0)	—

Replacement Parts

Torch Bodies		
A-125	**WP-9**	
A-125 Valve	**WP-9V**	
A-125 Flex	**WP-9F**	
A-125 Flex Valve	**WP-9FV**	
A-125 Redhead™ Flex	**WP-R9F**	
A-125 Redhead™ Flex Valve	**WP-R9FV**	
Handles		
A-125 (ribbed)	**H-100R**	
A-125 Valve (knurled)	**H-100**	
A-125 Flex (ribbed)	**105Z55R**	
A-125 Flex Valve (knurled)	**105Z55**	
Flex Head Only		
A-125 Flex/Flex Valve	**9F**	
A-125 Redhead™ Flex/Flex Valve	**R9F**	
Valve Knob		
All valve models	**VS-2**	
Power Cables and Hoses		
	12.5 ft. (3.8 m)	**25 ft. (7.6 m)**
Rubber	**57Y01R**	**57Y03R**
Mono Flex™	**57Y01MF**	**57Y03MF**
2-Piece Rubber	**57Y01-2**	**57Y03-2**

Genuine Miller® Accessories



Accessory Kit AK1C
Includes one long back cap, one of each size (#4, #5, #6) alumina nozzle, and one of each size (.040, 1/16 inch) of the following: collet, collet body, and 7-inch 2% ceriated tungsten electrode.



Accessory Kit AK-150MFC
Allows welding operators to customize their standard A-150 (WP-17) or A-125 (WP-9) TIG torch for their specific application. Kit converts into 28 different torch styles while using the A-150 and A-125 existing cable. Features collets, collet bodies, nozzles, torch heads, handle and more.

Extension Kit
EK-2-25-R 25 ft. (7.6 m), rubber



Cable Covers
WC-3-10
10 ft. (3 m)
WC-3-22
22 ft. (6.7 m)
WC-3-48
48 ft. (14.6 m)



Wireless Remote Foot Control 300429
For remote current and contactor control. Receiver plugs directly into the 14-pin receptacle of Miller machine. 90-foot (27.4 m) operating range.



Wireless Remote Hand Control 300430
For remote current and contactor control. Receiver plugs directly into the 14-pin receptacle of Miller machine. 300-foot (91.4 m) operating range.



RCC-14 Remote Contactor and Current Control 151086
East/west rotary-motion fingertip control attaches to TIG torch using two hook-and-loop fasteners. Includes 26.5-foot (8 m) cord with 14-pin plug.



RCCS-14 Remote Contactor and Current Control 043688
North/south rotary-motion fingertip control attaches to TIG torch using two hook-and-loop fasteners. Includes 26.5-foot (8 m) cord with 14-pin plug.

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