

# Weldcraft® A-200 Series

## Formerly WP-26 Series

Hand-Held Air-Cooled  
TIG Welding Torches



### Quick Specs

#### Models

A-200	A-200 Flex Redhead™
A-200 Valve	A-200 Flex Valve Redhead™
A-200 Flex	
A-200 Flex Valve	

#### Applications

Fabrication  
Maintenance and Repair  
Manufacturing  
Shipbuilding  
Vocational

#### Rated Output

DC: 200 A, AC: 150 A

**Duty Cycle** 60%

#### Electrode Range

.020–5/32 in. (0.5–4.0 mm)

### A-200 Series TIG Torches

Formerly known as the WP-26 Series, the A-200 Series consists of dependable, top-performing torches designed for heavy-duty welding applications. This air-cooled series delivers superb performance for demanding welding applications.

**Eliminate the expense** of a water-cooled system. The air-cooled capability pairs reliability with cost-effectiveness for all field applications.

**Robust performance.** The heavy copper construction delivers maximum welding capacity for rugged fieldwork.

**Effortless adjustments.** The A-200 Valve provides a gas control valve to ensure a quick, easy adjustment of shielding gas flow.

**Flexibility.** Using the A-200 Flex, the flexible neck easily adjusts to any angle for better torch control in limited-access joints.

**Combining the flexible neck and gas valve** advances capabilities with greater comfort and control (A-200 Flex Valve).

**For maximum versatility** on multiple welding applications, without adding expenses, use the A-200 Flex Redhead and A-200 Flex Valve Redhead.



A-200  
(WP-26)

### Additional Torch Models



A-200 Flex  
(WP-26F)

A-200 Flex Valve  
(WP-26FV)



A-200 Valve  
(WP-26V)



A-200 Flex Redhead  
(WP-R26F)



A-200 Flex Valve Redhead  
(WP-R26FV)

*Note: Torches delivered may vary slightly from images shown.*



Torch is warranted for 1 year parts.



#### Miller Electric Mfg. Co.

An ITW Company  
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#### Equipment Sales US and Canada

Phone: 866-931-9730  
FAX: 800-637-2315  
International Phone: 920-735-4554  
International FAX: 920-735-4125

## 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)	25 ft. (7.6 m)
WP-26	A-200	WP-26-12-R	WP-26-25-R	WP-26-25-2
WP-26V	A-200 Valve	WP-26V-12-R	WP-26V-25-R	WP-26V-25-2
WP-26F	A-200 Flex	—	WP-26F-25-R	WP-26F-25-2
WP-26FV	A-200 Flex Valve	WP-26FV-12-R	WP-26FV-25-R	WP-26FV-25-2

V = Valve F = Flex FV = Flex Valve

Torch packages include torch body, handle, power cable and long back cap.

## Connectors

### 1-Piece Power Cable Connectors



**194 723**  
50-mm Dinse-style gas thru  
for one-piece air-cooled torch.



**195 379**  
50-mm Dinse-style for  
one-piece air-cooled torch.



**45V62**  
Power cable adapter for  
one-piece air-cooled torch.

### 2-Piece Power Cable Connector

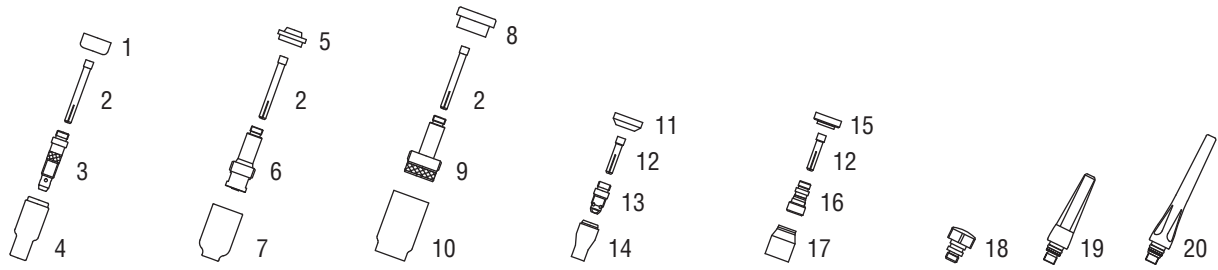


**129 527**  
50-mm Dinse-style for two-piece  
cable air-cooled torch.

Machines	Connection Type	1-Piece Power Cable Connector	2-Piece Power Cable Connector
<b>TIG Machines</b>			
Syncrowave® 200/210	50-mm Dinse, Gas Thru	<b>194 723</b>	<b>129 527*</b>
Syncrowave® 250 DX/350 DX (Dinse)	50-mm Dinse	<b>195 379</b>	<b>129 527</b>
Syncrowave® 250 DX/350 DX (Stud)	1/2-in. Stud	<b>45V62</b>	N/A
Dynasty® 200/280/350, Maxstar® 200/280/350	50-mm Dinse	<b>195 379</b>	<b>129 527</b>
<b>Multiprocess Machines</b>			
Dimension™ 302/452/NT 450/652	1/2-in. Stud	<b>45V62</b>	N/A
PipeWorx	1/2-in. Stud	<b>45V62</b>	N/A
XMT® 304/350	50-mm Dinse	<b>195 379</b>	<b>129 527</b>
XMT® 450	1/2-in. Stud	<b>45V62</b>	N/A
<b>Engine-Driven Machines</b>			
Most Big Blue®, Trailblazer®, Bobcat™, Blue Star® and Wildcat® models	1/2-in. Stud	<b>45V62</b>	N/A
Big Blue® 450 Duo CST	50-mm Dinse	<b>195 379</b>	<b>129 527</b>
<b>General Reference</b>			
	50-mm Dinse	<b>195 379</b>	<b>129 527</b>
	50-mm Dinse, Gas Thru	<b>194 723</b>	N/A
	1/2-in. Stud	<b>45V62</b>	N/A
<b>Other Adapter</b>			
	Stud to Dinse Adapter	<b>232 728</b>	

\*Two-piece Power Cable Connector is not gas thru.

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



Non-Gas Lens								
<b>Electrode Size — inch (mm)</b>	<b>.020 (0.5)</b>	<b>.040 (1.0)</b>	<b>1/16 (1.6)</b>	<b>3/32 (2.4)</b>	<b>1/8 (3.2)</b>	<b>5/32 (4.0)</b>		
1 Insulator (required)	18CG	18CG	18CG	18CG	18CG	18CG	18CG	18CG
2 Collet	10N21	10N22	10N23	10N24	10N25	10N25	54N20	54N20
3 Collet Body	10N29	10N30	10N31	10N32	10N28	10N28	406488	406488
<b>Nozzle Size — size # (inch)</b>	<b>4 (1/4)</b>	<b>5 (5/16)</b>	<b>6 (3/8)</b>	<b>7 (7/16)</b>	<b>8 (1/2)</b>	<b>10 (5/8)</b>	<b>12 (3/4)</b>	<b>Short</b>
4 Alumina	10N50	10N49	10N48	10N47	10N46	10N45	10N44	—
* Long Alumina	—	10N49L	10N48L	10N47L	—	—	—	—
* Lava	105Z43	105Z42	105Z44	105Z45	08N78	08N79	08N80	—
* Long Lava	12N03	105Z60	12N02	105Z61	—	—	—	—
Gas Lens								
<b>Electrode Size — inch (mm)</b>	<b>.020 (0.5)</b>	<b>.040 (1.0)</b>	<b>1/16 (1.6)</b>	<b>3/32 (2.4)</b>	<b>1/8 (3.2)</b>	<b>5/32 (4.0)</b>		
5 Insulator (required)	54N01	54N01	54N01	54N01	54N01	54N01	54N01	54N01
2 Collet	10N21	10N22	10N23	10N24	10N24	10N25	54N20	54N20
6 Gas Lens	45V29	45V24	45V25	45V26	45V26	45V27	45V28	45V28
<b>Nozzle Size — size # (inch)</b>	<b>4 (1/4)</b>	<b>5 (5/16)</b>	<b>6 (3/8)</b>	<b>7 (7/16)</b>	<b>8 (1/2)</b>	<b>10 (5/8)</b>	<b>12 (3/4)</b>	<b>Short</b>
7 Alumina Gas Lens	54N18	54N17	54N16	54N15	54N14	—	—	54N19
* Long Gas Lens	—	54N17L	54N16L	54N15L	—	—	—	—
Large Diameter Gas Lens								
<b>Electrode Size — inch (mm)</b>	<b>.020 (0.5)</b>	<b>.040 (1.0)</b>	<b>1/16 (1.6)</b>	<b>3/32 (2.4)</b>	<b>1/8 (3.2)</b>	<b>5/32 (4.0)</b>		
8 Insulator (required)	54N63	54N63	54N63	54N63	54N63	54N63	54N63	54N63
2 Collet	10N21	10N22	10N23	10N24	10N24	10N25	54N20	54N20
9 Large Diameter Gas Lens	45V0204	45V0204	45V116	45V64	45V64	995795	45V63	45V63
<b>Nozzle Size — size # (inch)</b>	<b>4 (1/4)</b>	<b>5 (5/16)</b>	<b>6 (3/8)</b>	<b>7 (7/16)</b>	<b>8 (1/2)</b>	<b>10 (5/8)</b>	<b>12 (3/4)</b>	<b>Short</b>
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	—
Stubby Non-Gas Lens								
<b>Electrode Size — inch (mm)</b>	<b>.020 (0.5)</b>	<b>.040 (1.0)</b>	<b>1/16 (1.6)</b>	<b>3/32 (2.4)</b>	<b>1/8 (3.2)</b>			
11 Insulator (required)	18CG20	18CG20	18CG20	18CG20	18CG20	18CG20	18CG20	18CG20
12 Stubby Collet	—	10N22S	10N23S	10N24S	10N24S	10N25S	10N25S	10N25S
13 Stubby Collet Body	17CB20	17CB20	17CB20	17CB20	17CB20	17CB20	17CB20	17CB20
<b>Nozzle Size — size # (inch)</b>	<b>4 (1/4)</b>	<b>5 (5/16)</b>	<b>6 (3/8)</b>	<b>7 (7/16)</b>	<b>8 (1/2)</b>	<b>10 (5/8)</b>	<b>12 (3/4)</b>	<b>Short</b>
14 Stubby Alumina	13N08	13N09	13N10	13N11	13N12	13N13	—	—
Stubby Gas Lens								
<b>Electrode Size — inch (mm)</b>	<b>.020 (0.5)</b>	<b>.040 (1.0)</b>	<b>1/16 (1.6)</b>	<b>3/32 (2.4)</b>	<b>1/8 (3.2)</b>			
15 Insulator (required)	17GLG20	17GLG20	17GLG20	17GLG20	17GLG20	17GLG20	17GLG20	17GLG20
12 Stubby Collet	—	10N22S	10N23S	10N24S	10N24S	10N25S	10N25S	10N25S
16 Stubby Gas Lens	—	17GL040	17GL116	17GL332	17GL332	17GL18	17GL18	17GL18
<b>Nozzle Size — size # (inch)</b>	<b>4 (1/4)</b>	<b>5 (5/16)</b>	<b>6 (3/8)</b>	<b>7 (7/16)</b>	<b>8 (1/2)</b>	<b>10 (5/8)</b>	<b>12 (3/4)</b>	<b>Short</b>
17 Alumina Gas Lens	53N58	53N59	53N60	53N61	53N61S	—	—	—
Back Caps								
18 Short	57Y04	19 Medium	300M	20 Long	57Y02			

\*Not shown.

# Tungsten

## A Line of Premium Tungsten for the Most Demanding TIG Welding Applications!

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

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



Type	Diameter in. (mm)	Part #	Type	Diameter in. (mm)	Part #
<b>2% Ceriated (EWCe-2)</b>			<b>Pure (EWP)</b>		
Performs well in DC welding and arc starting at low-current settings, and offers excellent performance in AC processes.	0.040 (1.0)	<b>WC040X7</b>	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)	<b>WC116X7</b>		1/16 (1.6)	<b>WP116X7</b>
	3/32 (2.4)	<b>WC332X7</b>		3/32 (2.4)	<b>WP332X7</b>
	1/8 (3.2)	<b>WC018X7</b>		1/8 (3.2)	<b>WP018X7</b>
	5/32 (4.0)	<b>WC532X7</b>		5/32 (4.0)	—
<b>2% Lanthanated (EWLa-2)</b>			<b>Rare Earth (EWG)</b>		
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)	<b>WL2040X7</b>	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)	<b>WL2116X7</b>		1/16 (1.6)	<b>WG116X7</b>
	3/32 (2.4)	<b>WL2332X7</b>		3/32 (2.4)	<b>WG332X7</b>
	1/8 (3.2)	<b>WL2018X7</b>		1/8 (3.2)	<b>WG018X7</b>
	5/32 (4.0)	<b>WL2532X7</b>		5/32 (4.0)	—

## Genuine Miller® Accessories



**Wireless Remote Foot Control #300 429**  
For remote current and contactor

control. Receiver plugs directly into the 14-pin receptacle of Miller machine. 90-foot (27.4 m) operating range.



**RCCS-14 Remote Contactor and Current Control #043 688**

North/south rotary-motion fingertip control fastens to TIG torch using two Velcro® straps. Includes 26.5-foot (8 m) control cord and 14-pin plug.



**RCC-14 Remote Contactor and Current Control #151 086**

East/west rotary-motion fingertip control fastens to TIG torch using two Velcro® straps. Includes 26.5-foot (8 m) cord and 14-pin plug.



**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)

**Extension Kit**

**#EK325K** 25 ft. (7.6 m), rubber



**#AK3C Accessory Kit**

Includes one short back cap, three collets (one collet per size: 1/16, 3/32, 1/8), three collet bodies (one collet body per size: 1/16, 3/32, 1/8), three alumina nozzles (one nozzle per size: 5, 6, 8), and three 7-inch 2% ceriated tungsten electrodes (one electrode per size: 1/16, 3/32, 1/8).



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