

Weldcraft™ Air-Cooled Torches

Recommended for welding amperages under 200 amps. Air-cooled torches are great for portable applications as they do not require a water-circulator. For power sources without a built-in gas solenoid, the air-cooled two-piece torch is the solution of choice.

Weldcraft™ Water-Cooled Torches

Recommended for welding amperages above 200 amps. Offering a small torch design, water-cooled torches allow for precise control due to the efficient around-the-head cooling. This same cooling allows for extended torch life and higher amperage capacities.

Weldcraft™ Specialty Torches

Specialty torches are designed to fit best in unique applications. For those hard-to-reach areas, the **Micro Series** torches provide access and superior maneuverability. The **Modular Series** torches allow for a quick change of many different torch styles for any joint configuration. If high amperage is your need, the **W-500** torch is the answer.

Weldcraft™ Automation Torches

Ideal for mechanized applications, the Weldcraft Automation Series offers air-cooled and water-cooled torches designed for both high and low applications. See literature AY/37.0 for more information.

Process

- TIG (GTAW)

Suggested power sources

- Multimatic™ 200/215 (pg 35) (A-150)
- Maxstar® 161 (pg 50) (A-150)
- Syncrowave® 210 (pg 51) (A-150)
- Dynasty®/Maxstar® 210 (pg 52) (A-150, W-250)
- Dynasty®/Maxstar® 280 (pg 52) (A-200, W-280)
- Dynasty®/Maxstar® 350 (pg 54) (W-375)
- Dynasty®/Maxstar® 700 (pg 54) (W-400)
- Syncrowave® 250 DX (pg 55) (W-375)
- Syncrowave® 350 LX (pg 55) (W-375)

Fingertip controls

- RCC East/West Rotary 151086 14-pin
- RCCS North/South Rotary 195184 6-pin
195503 6-pin
301146 RJ45
043688 14-pin
- RMS Momentary Push Button 195269 6-pin
187208 14-pin
- RMLS Momentary/Maintained 129337 14-pin
- RPBS Two-Button Start/Stop 300666 14-pin

Weldcraft™ 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.

Type	Stock Number	Diameter in. (mm)	Type	Stock Number	Diameter in. (mm)
2% Ceriated (EWCe-2)			Pure (EWP)		
Performs well in DC welding and arc starting at low-current settings, and offers excellent performance in AC processes.	WC040X7	0.040 (1.0)	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)
	WC116X7	1/16 (1.6)		WP116X7	1/16 (1.6)
	WC332X7	3/32 (2.4)		WP332X7	3/32 (2.4)
	WC018X7	1/8 (3.2)		WP018X7	1/8 (3.2)
	WC532X7	5/32 (4.0)		—	5/32 (4.0)
2% Lanthanated (EWLa-2)			Rare Earth (EWG)		
Provides excellent arc starting, arc stability and re-ignition, and less tip erosion in AC or DC welding. Can substitute for 2% Thoriated.	WL2040X7	0.040 (1.0)	Combines the best of all alloying elements, and provides excellent arc stability in AC or DC welding.	—	0,040 (1.0)
	WL2116X7	1/16 (1.6)		WG116X7	1/16 (1.6)
	WL2332X7	3/32 (2.4)		WG332X7	3/32 (2.4)
	WL2018X7	1/8 (3.2)		WG018X7	1/8 (3.2)
	WL2532X7	5/32 (4.0)		—	5/32 (4.0)



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