

450 AMP AND 600 AMP

WATER-COOLED SEMI-AUTOMATIC TORCHES



The GW/PG Series American Weldquip water-cooled semi-automatic torches offer unsurpassed performance not found in competitive brands. High quality materials and workmanship go into each American Weldquip torch. Unique design features incorporated into our water-cooled torch series mean fewer repairs, lower maintenance costs and less downtime to insure a lower cost of ownership.

The WELDQUIP ADVANTAGE

THREAD-ON NOZZLE – The heavy walled, nickel plated nozzles thread directly on the gooseneck to provide cooler operation and a longer lasting nozzle system. The course thread, fixed position design feature insures a constant tip to nozzles relationship and consistent welding parameters.

SECURE WATER-COOLED POWER CABLE SYSTEM – A common problem with semi-automatic water-cooled torches is the pulling apart of the power cable at the electrical connections when welders tug on the cable assembly. American Weldquip incorporates a KEVLAR™ cord in our cable bundle. This Kevlar cord takes all the strain off the cable assembly and helps to eliminate these kinds of power cable failures.

WATER-COOLED GOOSENECK - All American Weldquip water-cooled goosenecks are designed for superior heat dissipation. The heavy-walled outer tube gives additional strength to stand up in rugged environments. There are no o-rings to leak and all water passage joints are silver soldered and 100% quality tested for leaks.

CONTACT TIPS – Heavy-duty, course threaded contact tips are designed to provide extended life and insure a superior electrical connection to the tip holder/diffuser.

ERGONOMICALLY DESIGNED HANDLE – Operator comfort was given top priority in designing the lightweight yet durable two-piece handle. All American Weldquip torches use the same handle.

COMMON CONSUMABLES– Most American Weldquip torches are designed to utilize the same consumables to help reduce your inventory.

TIME TESTED TRIGGER - LIFETIME WARRANTY – Our trigger assembly incorporates a light touch and proven reliable design. The simplicity of the design of this critical component insures its functional reliability. That is why we decided to offer a lifetime warranty on the switch contact components.

HYBRID AIR-COOLED CABLE - Available in the 450PG model only. This torch design uses an air-cooled power cable with a water-cooled gooseneck. Uniquely engineered for an environment that requires a torch for severe service where conventional type water-cooled cables will not hold up.

LINER SYSTEM – Available in a variety of sizes and configurations to fit every wire type application.

The NEW EASY Front Loading Liner System reduces the change out time for liner replacement. Since the liner replacement is done at the front of the torch the EASY liner system offers the convenience of not having to lower a boom, retract wire, or climb into an unsafe area to make a liner change.



600PG WATER-COOLED PISTOL GRIP

For use with difficult-to-feed wires such as Aluminum and/or other specialty applications.



EXTENDED TRIGGER OPTION

For increased personal welder comfort. Manufactured from heavy-duty aluminum. Ensures durability and resists breaking as compared to plastic triggers.

DUAL/MULTI-SCHEDULE OPTION

The Dual Schedule allows the operator to change between two weld schedules. The Multi-Schedule is a momentary switch and can be used to increase or decrease through numerous preset weld schedules. Both options can be used to change schedules "on the fly".



NEW EASY FRONT LOADING LINER SYSTEM

Save time and cost of liner change outs. The new EASY liner system allows you to quickly change the liner from the front of the torch. Just trim the wire, remove the consumables, remove the liner, install new liner, and reinstall the consumables.



GUN HANGER



HEAT SHIELD

450PG HYBRID WATER-COOLED PISTOL GRIP

Features an air-cooled power cable and water-cooled gooseneck.



TORCH RATINGS

MODEL	AMPERAGE	100% DUTY CYCLE		60% DUTY CYCLE	
		CO2	Mixed Gas	CO2	Mixed Gas
450PG	450	400A	350A	450A	400A
607GW/PG	600	600A	500A	625	600A

TORCH STANDARD CONFIGURATION CHART

GUN SERIES	STD TIP SIZE	TIP PART #	DIFFUSER	NOZZLE BORE SIZE	NOZZLE PART #	STD. FEEDER CONNECTION	GOOSENECK ANGLE
450PG(Hybrid)	.045(1.2mm)-M8	75045014	75004033	5/8"(15.9mm)	75004013	Euro	180°
607GW	.045(1.2mm)-M8	75045014	75004033	5/8"(15.9mm)	75004013	Euro	45°

HOW TO ORDER



OPTIONS

ET - Extended Trigger
 DS - Dual Schedule Switch
 ID - Increase/Decrease Switch
 FR - Finger Rest
 FL - EASY Front Loading Liner System
 GUN HANGER -75000009 (Must be ordered separately)
 HEAT SHEILD - 75000030 (Must be ordered separately)

** Specify wire size and or special configuration when ordering if not standard

WIRE FEEDER CONNECTION OPTIONS

BLANK	EURO	H5 -	HOBART® #5	P -	PANASONIC®
C -	CENTURY®/POWCON®	K -	KOBELCO®	T -	TWECO®/HOBART® #4
CL -	CLOOS®	L -	LINCOLN® (LN7 STYLE)	TL -	LINCOLN® POWER FEED 10
D -	OTC®/DAIHEN®	LT -	L-TEC® 225	T5 -	TWECO® #5
DP -	OTC®/DAIHEN® DP SERIES	M -	MILLER®	W -	LINCOLN® WIREMATIC
		O -	OXO®		

