



AMERICAN WELDQUIP

600 AMP WATER-COOLED SEMI-AUTOMATIC TORCHES



The GW/PG Series 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.

Don't be fooled by the imitators! Demand genuine American Weldquip products to insure you get the best Service, Quality, Solutions and performance you expect

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 coarse 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, coarse threaded contact tips are designed to provide extended life and insure a superior electrical connection to the tip holder/diffuser.

ERGONOMICALLY DESIGNED HANDLE – LIFETIME WARRANTY - 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.

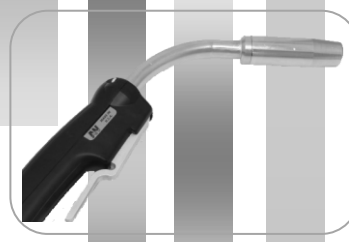
HYBRID AIR-COOLED CABLE - Available in the 450PG model only. This torch design uses an air-cooled power cable with a water-cooled gooseneck. Uniquely engineered for an environment that requires a torch for severe service where conventional type water-cooled cables will not hold up.

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



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".



GUN HANGER



HEAT SHIELD

TORCH RATINGS

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

TORCH STANDARD CONFIGURATION CHART

GUN SERIES	DESCRIPTION	STD TIP SIZE	TIP PART #	DIFFUSER	NOZZLE BORE SIZE	NOZZLE PART #	INSULATING WASHER	LINER	GOOSENECK ANGLE
607PG	600 Amp Pistol Grip	.045(1.2mm)-M8	75045014	75004033	5/8"(15.9mm)	75146202	75001004	750XX228T	180°
607GW	600A Standard	.045(1.2mm)-M8	75045014	75004033	5/8"(15.9mm)	75146202	75001004	750XX228T	45°

HOW TO ORDER

607GW
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GUN SERIES
 GW - STANDARD
 PG - PISTOL GRIP

15
 |
LENGTH

T5
 |
WIRE FEEDER PLUG

-ET
 |
OPTIONS

OPTIONS

- ET - Extended Trigger
- DS - Dual Schedule Switch
- ID - Increase/Decrease Switch
- FR - Finger Rest
- 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

- | | | |
|------------------------------------|---------------------------------|------------------------------------|
| B- 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® | |