

AMERICAN WELDQUIP WATER-COOLED SEMI-AUTOMATIC WELDING TORCHES

600 AMP CG Series with "FLOW-GUARD"

The "BEST IN CLASS" Just Got Better.

All water-cooled "Cool-Grip" semi-automatic torches are manufactured and shipped standard with a built-in water flow sensor. Just one of the added protections, along with an anti-stretch cord to prevent pulling apart of cable assemblies. American Weldquip is the ONLY torch manufacturer that has added features to its water-cooled torch line up to help guard against expensive torch repairs and downtime.

The **AMERICAN WELDQUIP EXCLUSIVE** integrated flow sensor protects the torch and components against low or no water flow conditions. Tired of melted power cables because of no water flow? If a no/low flow condition is detected the trigger circuit is deactivated. 80% of water-cooled torch repairs are due to compromised water-cooled power cables because of the lack of water flow. **The flow switch requires a minimum of 0.25GPM.**

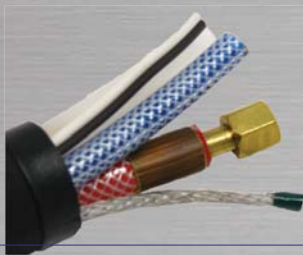


AMERICAN WELDQUIP'S EXCLUSIVE INTEGRATED FLOW SWITCH

Your protection against damaged torches due to no/low water flow.
0.25 GPM Minimum

ERGONOMIC HANDLE DESIGN LIFETIME WARRANTY

Manufactured with durable materials for long life even in the roughest welding environments. Ergonomic and balanced design for increased welder comfort.



UNIQUE SECURED WATER-COOLED POWER CABLE SYSTEM

American Weldquip is the only torch manufacturer to incorporate an "anti-stretch" cord in our water-cooled cable bundle. The anti stretch cord takes all the strain off the water-cooled power cable assembly and helps to eliminate 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.

- ✓ Heavy-Walled Water-Cooled Gooseneck.
- ✓ Extremely Durable, Heavy-Walled Gooseneck Design.
- ✓ Long Lasting, Cool Running Consumable Design.
- ✓ Heavy-Duty Thread-On Nozzle System.
- ✓ Common Consumable Platform Across All American Weldquip Torches.
- ✓ Durable Power Cable For Superior Wear Resistance.
- ✓ Spring Strain Relief Helps Eliminate Feeding Issues.
- ✓ Special Designs, Custom Configurations Available.
- ✓ Manufactured By American Weldquip In Sharon Center, Ohio So You Are Always Guaranteed The Quality You Can Trust.



EXTENDED TRIGGER OPTION

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

DURABLE TRIGGER DESIGN

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.

ADDITIONAL AVAILABLE OPTIONS

Gun Hanger



Heat Shield



Dual/Multi Schedule Miller Continuum



Water-Cooled SEMI-AUTOMATIC

AMERICAN WELDQUIP SEMI-AUTOMATIC

STANDARD TORCH CONFIGURATIONS

GUN SERIES	DESCRIPTION	LINER	CONTACT TIP SIZE	TIP	DIFFUSER	NOZZLE SIZE	NOZZLE	INS. WASHER	GOOSENECK
238CA	260 Amp Air-Cooled	750XX222T	.035"(0.9) - M6 Thread	75035511	75002007	9/16"(15.1MM)	75135601-I	75001003	60°
347CA	300 Amp Air-Cooled	750XX222T	.035"(0.9) - M6 Thread	75035511	75002007	5/8"(15.9MM)	75146204-I	75001005	60°
354CA	350 Amp Air-Cooled	750XX222T	.045"(1.2) - M8 Thread	75045014	75004033	5/8"(15.9MM)	75146202-I	75001004	60°
407CA/454CA	400 Amp Air-Cooled	750XX228T	.045"(1.2) - M8 Thread	75045014	75004033	5/8"(15.9MM)	75146202-I	75001004	60°
456CG	450 Amp Air-Cooled	750XX228T	.045"(1.2) - M8 Thread	75045014	75004033	5/8"(15.9MM)	75146202-I	75001004	60°
500CG	500 Amp Air-Cooled	750XX228T	.045"(1.2) - M8 Thread	75045014	75004033	5/8"(15.9MM)	75146202-I	75001004	60°
507CG	500 Amp Air-Cooled	750XX228T	.045"(1.2) - M8 Thread	75045014	75004033	5/8"(15.9MM)	75157501-I	75001006	60°
607CG	600 Amp Water-Cooled	750XX228T	.045"(1.2) - M8 Thread	75045014	75004033	5/8"(15.9MM)	75146202-I	75001004	60°
347PG	300 Amp Air-Cooled - PGrip	750XX222T	.045"(1.2) - M6 Thread	75045511	75002007	5/8"(15.9MM)	75146204-I	75001005	180°
407PG	400 Amp Air-Cooled - PGrip	750XX228T	.045"(1.2) - M8 Thread	75045014	75004033	5/8"(15.9MM)	75146202-I	75001004	180°

TORCH RATINGS

MODEL	RATED AMPERAGE	100% DUTY CYCLE		60% DUTY CYCLE	
		CO2	Mixed Gas (ArCo2)	CO2	Mixed Gas (ArCo2)
238CA	260	260A	200A	300A	260A
347CA	300	300A	225A	350A	300A
354CA	350	350A	250A	400A	350A
407CA/454CA	400	400A	300A	450A	400A
456CG	450	450A	350A	500A	450A
500CG	500	500A	390A	575A	500A
507CG	500	500A	390A	575A	500A
607CG	600	600A	500A	650A	600A

HOW TO ORDER

	TORCH SERIES	LENGTH	FEEDER PIN	—	OPTIONS	—	ALUMINUM SETUP
EXAMPLE:	456CG	15	T5	—	ET	—	A

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

Consult website: www.weldquip.com, factory or your AWQ Representative for assistance with part number configuration.

WIRE FEEDER PIN OPTIONS

B - EURO	L - LINCOLN® (LN7 STYLE)	P - PANASONIC®
BC - BANCROFT	LU - LINCOLN® UNIVERSAL	T - TWECO®/HOBART® #4
D - OTC®/DAIHEN®	M - MILLER®	T5 - TWECO® #5
DP - OTC®/DAIHEN® DP SERIES	W - LINCOLN® WIREMATIC	TL - #4 PIN/LINCOLN® CABLE
F - FRONIUS®(VR 5000, WF Series)		TM - #4 PIN/MILLER® CABLE

See Feeder Adaptors For More Connector Options and Configurations - Page 46

OPTIONS

ET – EXTENDED TRIGGER	FLX – FLEXIBLE GOOSENECK
DS – DUAL SCHEDULE SWITCH	GL – GASLESS CONSUMABLES
ID – INCREASE/DECREASE (MULTI-SCHEDULE)	TS – THERMAL SPRING
MC – MILLER CONTINUUM SWITCH	A - ALUMINUM (45° GOOSENECK, NYLON LINER, COPPER NOZZLE)

GUN HANGER FOR 238/347/354/407/454/607 - 75000009 (Must be ordered separately)

GUN HANGER FOR 456/500/507 - 75000033 (Must be ordered separately)

HEAT SHIELD FOR 238/347/354/407/454/607 – 75000030 (Must be ordered separately)

HEAT SHIELD FOR 456/500/507 – 75000031 (Must be ordered separately)