



ELECTRONIC BUTANE MICRO TORCH MODEL ES1000

Self-contained hand-held torch with an extremely fine point flame for soldering jump rings, clasps, small chains and charms. Fast, automatic ignition. Refills quickly, safely and easily with butane cartridge refills. Easily adjustable flame size and intensity. Temperature range up to 2,500°F (perfect for fusing). 8 gram fuel chamber. Uses standard butane cartridge refills.



ES1000 \$52.50



ELECTRONIC BUTANE MICRO TORCH MODEL GB2001

Dependable, proven butane micro torch. Slightly larger flame than most micro torches. Electronic instant ignition. Easy to adjust the amount of gas (size of flame) and the amount of air (sharpness of flame). High temperature flame of 2,500°F. Up to 90 minutes of burn-time before refill is required. Uses butane cartridge for fuel.



GB2001 \$52.50

MASTER BUTANE MICRO TORCH MT-51

Electronic instant ignition system for push-button start-ups. Flame size and temperature can be precisely adjusted. High temperature flame of 2,500°F. Up to 90 minutes of burn-time before refill is required. Uses butane cartridge for fuel.



MT51 \$29.50

BUTANE FUEL REFILL CARTRIDGES

Safely and quickly refill butane micro torches. It is advisable to purchase refills from local hardware or supply stores. Butane gas is flammable. Hazardous shipping charges are expensive compared to the inexpensive cost of the butane refill cartridge.



CYLINDERS & TANKS

Cylinder and tanks are a standard size and shape for acetylene, propane and oxygen.

It is advisable to purchase and refill tanks at your local gas or welding supply company.

For reference:

Description	Capacity	Size
Propane	5 lbs.	16 3/4" x 6 1/8"
Oxygen "R"	20 cu. ft.	17 3/4" x 5 1/2"
Acetylene "MC"	10 cu. ft.	14 1/2" x 4 1/8"
Acetylene "B"	40 cu. ft.	22 1/2" x 6 1/4"



10" ADJUSTABLE WRENCH

Adjustable (2" opening) wrench to fit nuts and connectors on tanks, torches, hoses and regulators.



TX1545 \$7.95



TORCH WRENCH

Fits nuts on tanks, torches, regulators and hoses.

14.164 \$10.30



TANK KEY

Fits "B" and "MC" acetylene tank valve.

WES2328 \$2.50



ACETYLENE & AIR SOLDERING KIT

A torch kit for all aspects of jewelry-metal soldering, brazing, annealing and melting. Produces 2,700°F flame temperature. Contains #00 torch tip, handle, easy to read single-dial regulator, 6 ft. hose and striker. Regulator is designed to be used with a "B"-type acetylene tank. No oxygen needed.



ST399 \$180.00



ACETYLENE/FUEL TORCH TIPS

Interchangeable tips produce a range of flame sizes from small (#00) for fine soldering small objects to very large (#4) for annealing and melting. Tips are precision-machined with a slip-in design for perfect seating in the torch handle. Tips are 100% flame tested and UL listed.

Torch Tips (Sold individually)

Size	Description	Flame Opening	Price	Item No.
00	Very Fine	0.066"	\$26.50	ST406
0	Medium	0.095"	\$26.50	ST405
1	Standard	0.147"	\$24.25	ST401
2	Large - Annealing	0.188"	\$24.25	ST402
3	Brazing - Melting	0.250"	\$24.25	ST403
4	Melting	0.375"	\$26.50	ST404



TORCH BODY

The Silver Smith torch body with "B" fitting is for acetylene/air use. All metal construction with long wearing precision brass parts that are nickel plated for heat resistance and durability.



ST400 \$39.50

ACETYLENE HOSE

10 ft. length. Coupled "B" fitting on either end for Smith regulator and Smith torch handle.



ST261 \$17.50

Y CONNECTORS (Two Hose Manifolds)

Operate one or two torches from a single tank. fits Smith regulators. Shut-off valve for each line. Separate manifolds must be used for acetylene and oxygen.

Acetylene (3/16" LH to 3/16" LH - 18LH)

WES112K \$32.50

Oxygen (3/16" RH to 3/16" RH - 18RH)

WES111K \$32.50



TORCH LIGHTER/STRIKER

Makes sparks to light gas without open flame. Comes with 1 flint.

14.205 Lighter \$3.10

14.206 Box of 5 Flints \$2.00



SMITH LEAK DETECTOR SOLUTION

Use solution to check connections for leaks after assembling a torch kit, changing tanks or if gas is smelled. Apply solution, it will bubble around the connection (or cut in the hose) if there is a leak. Oxygen compatible.

ST256 8 oz. Bottle. \$6.75



SMITH "The Little Torch"™ — Miniature torch system produces a stable, perfectly controllable, thread-thin flame with a temperature of 6,300°F. Solders silver, gold and platinum. Brazes brass and copper. Welds steel. Kits for acetylene/oxygen and propane/oxygen. Kits for use with tanks or disposable cylinders.

SMITH "The Little Torch"™ BASIC KIT with 5 TIPS

Kit contains: torch, 6 ft. gas and oxygen hoses with 3/16" coupled B fittings, 5 curved tips and instructions.

ST142 Propane (Tips #3-7) \$124.00

If you don't already own acetylene and oxygen tanks and respective double-dial regulators, purchase these items before using the kit.



SMITH "The Little Torch"™ OXYGEN/ACETYLENE KIT with REGULATORS

For small-medium size, high heat, concentrated flame soldering, brazing, welding and melting applications. Set includes torch, 5 tips (size #2-6), 6 ft. hoses (gas and oxygen), 2 precision regulators (1 acetylene and 1 oxygen regulator) and a complete instruction book. Oxygen and acetylene tanks may be purchased at local welding supply co.

ST111 For "B" tank \$310.00

ST113 For "MC" tank \$310.00



SMITH "The Little Torch"™ with REGULATOR for DISPOSABLE PROPANE & OXYGEN TANKS

Kit is designed for use with 14 oz. propane and oxygen disposable tanks (not included). Set includes torch, #4 tip, 6 ft. hoses for gas and oxygen, 2 regulators and complete instructions. May also be used with 16 oz. disposable Mapp® gas tank.

ST110 \$175.00



SMITH REGULATORS/GAUGES

Regulators are high precision, UL listed, 100% tested and made of solid brass. Gauges are easy-to-read, corrosion-resistant with shatter-resistant polycarbonate lenses. Contain protective check valves, maintain uniform pressure. Easy turning T-bars. 3/16" hose fittings. Made in USA.

SMITH SINGLE LINE/SINGLE STAGE 1-DIAL ACETYLENE REGULATOR

Indicates tank pressure and regulates the amount of gas entering the hose. Available for "B" or "MC" acetylene tanks.

ST126



SMITH SINGLE LINE/SINGLE STAGE 2-DIAL ACETYLENE REGULATOR

Indicates tank pressure and regulates the amount of volume/pressure of gas entering the hose. Gauges are more sensitive and fuel delivery is more constant than with a single dial gauge regulator. Available for "B" or "MC" acetylene tanks.

ST117 "B" tank \$103.50

ST118 "MC" tank \$103.50



SMITH SINGLE LINE/SINGLE STAGE 2-DIAL OXYGEN REGULATOR

Indicates tank pressure and regulates the amount of volume/pressure of oxygen entering the hose. Gauges are sensitive and delivery of oxygen is consistent. Fits R, Q or Q1 oxygen tanks.

ST115 \$103.50



SMITH "The Little Torch"™ CURVED TIPS

With orifices in synthetic sapphire.

Torch Tips \$19.00 each

Orifice	Size	Opening	Fuel	Item No.
	2	.006"	Acetylene/Oxygen	ST202
	3	.011"	Tips #3, #4, #5, #6	ST203
	4	.020"	and #7 can use	ST204
	5	.029"	Acetylene/Oxygen	ST205
	6	.037"	or	ST206
	7	.047"	Propane/Oxygen	ST207

SMITH "The Little Torch"™ HOSES

Equipped with coupled B (3/16") fittings. Color-coded (green or red) for easy identification. Installation instructions included.

Hoses \$32.50 each

Item No.	Fuel	Color	Length
ST266	Gas	Red	8 ft.
ST267	Oxygen	Green	8 ft.



SMITH REGULATORS for DISPOSABLE TANKS

These regulators may be used on disposable propane and oxygen tanks and are designed to provide dependable control for fuel and oxygen delivery. Do not use these regulators on full size tanks!

ST131 Propane Regulator \$51.50

ST130 Oxygen Regulator \$51.50

DISPOSABLE PROPANE and OXYGEN TANKS

Refills for "The Little Torch™" are safe and easy to use.

Due to hazardous shipping charges it is advisable to purchase tanks at local hardware or supply stores.



ACETYLENE CYLINDER ADAPTERS

Use to connect acetylene regulators to their proper size acetylene tank.

Adapts "MC" regulator to "B" tank

WES306 \$16.00

Adapts "B" regulator to "MC" tank

WES314 \$16.00



FLASHBACK ARRESTORS

Stops flashback fires by preventing reverse gas flow. Installed between the regulator and the hose.

Usually used with large tanks in industrial, school, welding or constant-use situations.

Set (Oxygen & Acetylene)

WES030 \$69.30

