



The Little Torch™

Jewelry Repair & Manufacture, Hobby & Crafts, Metal Sculpture, Glass Blowing, Plumbing, Electronics & Repair



23-1014



23-1001D

23-1001D

Works with any fuel gas and oxygen. Includes 11-1101C torch, #3-7 curved tips, 8' (2.4m) hoses and instruction manual. Packaged in display box as shown ("B" hose connections fuel 9/16"-18-LH, Oxygen 9/16"-18-RH).

239-047B with BRITISH hose connections (Fuel G-3/8"-19 LH, Oxygen G 3/8"-19 RH). Tips included #3-7.

239-048A with EUROPEAN hose connections (Fuel G-3/8"-19 LH, Oxygen G 1/4"-19 RH). Tips included #3-7.

23-1013A with AUSTRALIAN hose connections (Fuel 5/8"-18-LH, Oxygen 5/8"-18-RH). Tips included #3-7.

Outfit For Disposable Tanks 23-1014

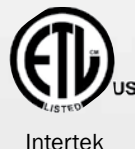
Includes 249-499B preset oxygen regulator, 249-500B preset propane regulator, cylinder holder, 11-1101C torch, #5 tip, 8 ft. (2.4m) hoses and instruction manual. Allows maximum portability and may be used in locations where larger pressurized cylinders are not allowed.

Kit shown in inset photo above may be used with disposable propylene or propane and oxygen cylinders (Cylinders not included). NOTE: Disposable oxygen and fuel tanks may be purchased at most hardware locations. May not be used with LP Multi-Flame (Rosebud) tip.

23-1003B Includes 11-1101C torch, #3-7 tips, 30-15-520 acetylene regulator (for "B" 40 cubic foot tank), 30-20-540 oxygen regulator, reverse flow check valves, 8' (2.4m) covered hoses and instruction manual.

23-1003P Kit with regulator fitting for propane or larger industrial acetylene cylinders. Includes 11-1101C torch, #3-7 tips, 30-15-510 fuel regulator, 30-20-540 oxygen regulator, reverse flow check valves, 8' (2.4m) covered hoses and instruction manual.

23-1003 Kit with regulator fitting for acetylene (for "MC" tank) 10 cu. ft. cylinder. Includes 11-1101C torch, #3-7 tips, 30-15-200 fuel regulator, 30-20-540 oxygen regulator, check valves, 8' (2.4m) covered hoses and instruction manual.



Hoses may be connected to any standard oxy-fuel regulators. (no adaptors required)

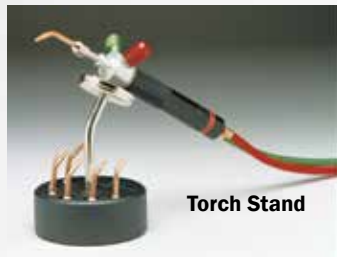
23-1003B



The Little Torch™

14014 MAGNETIC TORCH STAND & TIP ORGANIZER

Solid metal stand comes with holes drilled and numbered for #2-7 tips. Just a twist of the wrist removes the torch from the magnet. Magnetic clip mounts easily on Little Torch body (torch and tips sold separately).



Torch Stand

Stock No.	Gas	Capacity	Height-Diameter
OC20	Oxygen	20 cu. ft.	17 3/4" - 5 1/4"
2329E	"MC" Acetylene	10 cu. ft.	14 1/2" - 4 1/8"
13558	Propane	5 lb.	12 1/2" - 8"

Hose Type	Fuel	Length/ Inside Dia.	Hose Fittings*	Stock No.
Little Torch	Any Fuel	8' - 1/8"	B	13254-3-8
Little Torch	Oxygen	8' - 1/8"	B	13254-1-8
Little Torch	Oxygen/Fuel-Twin Hose	8' - 1/8"	B	13254-4-8

* "B" fittings 9/16"-18

The Little Torch™ has unmatched flexibility - it can be used with several fuels including acetylene, hydrogen, propane, propylene, or natural gas. It produces a perfectly controlled, completely stable flame hot enough to melt commercially weldable metals, glass and even ceramics. It may also be used with special heating tips to melt up to 3 oz. of gold or silver. Excellent for soldering platinum.

It's the complete works in a handy self-contained lightweight unit. These highly portable kits come complete with everything you need for your soldering or brazing operations. Kits include tanks, regulators, safety check valves, five tips, torch and hoses all in a handy carrying case. Oxygen and acetylene cylinders can be refilled at most welding supply stores (disposable LP tanks are not included). Kits weigh less than 32 lbs.



**23-1015P
Propane Caddy**

23-1015P Propane Caddy Includes 13558 (5 lb.) refillable propane tank, OC20 (20 cu. ft.) oxygen tank, 11-1101C torch with 8 ft. (2.4m) covered hoses, #3-7 tips, 30-20-540 oxygen regulator, 30-15-510 propane regulator, H698 pair reverse flow check valves, 13787A powder coated metal carrier and complete operation and instruction manual.



**23-1010P
Propane Caddy**

23-1010P Propane Caddy Includes 11-1101C torch, 8' (2.4m) covered hoses, #3-7 tips, 249-500 B preset propane regulator, 30-20-540 oxygen regulator, OC20 oxygen cylinder (20 cu. ft.), 13493 caddy carrier, H698 pair check valves, and complete instruction manual. The 14.1 oz. disposable LP tank provides up to 15 hours of running time with a #5 tip.

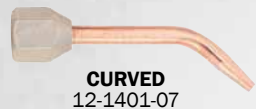
Disposable tank not included.



**23-1004A
Acetylene Caddy**

23-1004A Acetylene Caddy Includes 11-1101C torch, #3-7 tips, 30-15-200 acetylene regulator, 30-20-540 oxygen regulator, H698 pair reverse flow check valves, 8' (2.4m) covered hoses, OC20 (20 cu. ft.) oxygen cylinder, 2329E (10 cu. ft.) acetylene cylinder, 13493 caddy carrier and instruction manual.

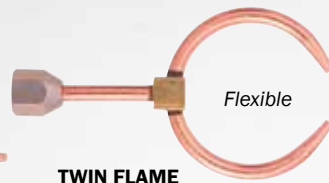
The Little Torch™



CURVED
12-1401-07



STRAIGHT
129-124-04



TWIN FLAME
12-1402-04

Sapphire Tips

Due to the extraordinarily small orifice diameter of tips sizes #2-3, tips are fitted with a laser drilled synthetic sapphire to assure accurate gas flow and consistent flame characteristics.

ALL TIPS ARE 100% FLAME TESTED



**Flexible Tip Extension
For Customizing
Angle And Distance
From Handle**

Stock No.
2327-3SP
Length
3" (76mm)

Size	Curved Stock No.	Straight Stock No.	Use With Oxygen and:	Orifice Dia.	Drill Size	Gas Pressure (PSI)		Gas Consumption (CFH)		BTU/hr	Brazing Capacity Copper Pipe
						Oxygen	Fuel	Fuel	Oxygen		
#2	12-1401-02	N/A	Acetylene, Hydrogen only	.006	97	2	2	.09	.11	130	N/A
#3	12-1401-03	N/A	Any Fuel Gas	.011	85	4	4	.78	.94	1,150	Up to 1/8"
#4	12-1401-04	129-124-04		.020	76	5	5	1.57*	1.88*	2,300	1/4" - 3/8"
#5	12-1401-05	N/A		.029	69	6	6	2.58	3.1	3,800	5/16" - 5/8"
#6	12-1401-06	N/A		.037	63	6	6	4.48	5.38	6,585	3/8" - 3/4"
#7	12-1401-07	N/A		.047	56	8	8	6.27	7.52	9,200	1/2" - 7/8"

NOTE: Consumption is for single flame tip only.

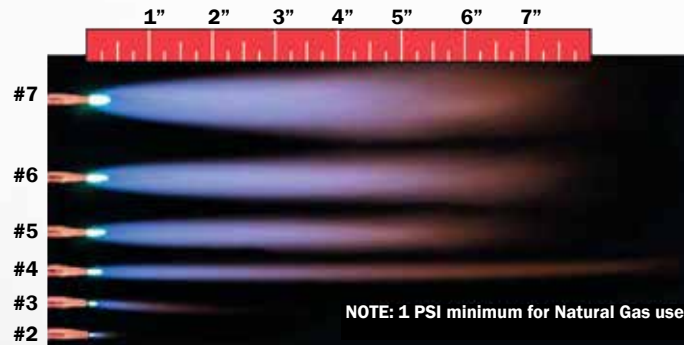
Size	Twin Flame Stock No.	Use With Oxygen and:	Orifice Dia.	Drill Size	Gas Pressure (PSI)		Gas Consumption (CFH)		BTU/hr	Brazing Capacity Copper Pipe
					Oxygen	Fuel	Fuel	Oxygen		
#4	12-1402-04	Any Fuel Gas	.020	76	5	5	2.91	3.49	4,300	1/4" - 5/8"
#5	12-1402-05		.029	69	6	6	4.70	5.64	6,900	5/16" - 3/4"
#6	12-1402-06		.037	63	6	6	6.50	7.80	9,550	3/8" - 7/8"

NOTE: All values determined using acetylene gas.



**TWIN
FLAME**

APPROX.
FLAME SIZES
AT NEUTRAL
MIXTURE
(OXYGEN/
ACETYLENE)



NOTE: 1 PSI minimum for Natural Gas use.

Heating Tips

Stock No.	Fuel	Flame Average BTU/hr	Gas Pressure (PSI)		Length (153mm)	Gas Consumption (CFH)	
			Oxygen	Fuel Gas		Fuel	Oxygen
13-662	Acetylene	6,615	14	10	6" (153mm)	5.0	4.5
	Hydrogen	10,800				9.0	36.0
13717	Propane	3,497	14	10	6" (153mm)	5.0	1.4
	Natural Gas	2,300	7	5		3.5	2.3



HEATING TIP (Rosebud)

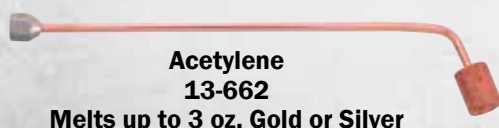
Tip End's Actual Size



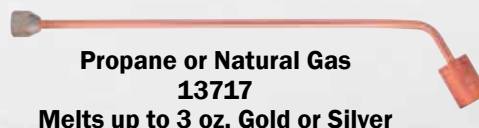
Acetylene



Propane



**Acetylene
13-662**
Melts up to 3 oz. Gold or Silver



**Propane or Natural Gas
13717**
Melts up to 3 oz. Gold or Silver

NOTE: Heating tips not for use with disposable oxygen tanks.