

## Gas Axe™ Extra Heavy Duty



Torches

### Recommended Hose Sizes & Recommended Pressures

SC50 Series - Propane/Nat. Gas Tips, Sizes 6-9

Tip Size	Minimum Pressure At Torch	Recommended Pressure Settings (PSIG)				
		1/4" Dia. Hose		3/8" Dia. Hose		
		50 ft.	100 ft.	50 ft.	100 ft.	200 ft.
SC50-6	92 psig	130	145	117	122	138
SC50-7	95 psig	N/R	N/R	125	135	146
SC50-8	95 psig	N/R	N/R	130	140	155
SC50-9	95 psig	N/R	N/R	130	140	164

N/R - Not Recommended - **Note:** Smaller tips require less flow and will operate satisfactory with 1/4" dia. hose.

### Lengths Available

21", 3', 4', 5' & 6' lengths.  
Contact factory for availability of extended lengths.

### Available Torch Head Angles

Heavy duty manganese bronze head. Choice of 75°, 90° and 180°.

SC Series Stock No.	Head Angle	Length inch/metric	See Pages 32 - 37 For Cutting Tips
<b>SC929</b>	90°	21"/533mm	<b>Oxygen/Acetylene:</b> SC12-00 thru SC12-6 SC56-1 thru SC56-9
<b>SC935</b>	75°	3'/914mm	
<b>SC939</b>	90°	3'/914mm	<b>Oxygen/Propane</b> <b>Oxygen/Propane Based:</b> SC40-0 thru SC40-4 SC46-2 thru SC46-6 SC50-0 thru SC50-9
<b>SC930</b>	180°	3'/914mm	
<b>SC945</b>	75°	4'/1.2m	<b>Oxygen/Propylene:</b> SC60-0 thru SC60-6 SC2-2, SC2-4
<b>SC949</b>	90°	4'/1.2m	
<b>SC940</b>	180°	4'/1.2m	
<b>SC955</b>	75°	5'/1.5m	
<b>SC959</b>	90°	5'/1.5m	
<b>SC950</b>	180°	5'/1.5m	
<b>SC965</b>	75°	6'/1.8m	
<b>SC969</b>	90°	6'/1.8m	
<b>SC960</b>	180°	6'/1.8m	

**NOTE:** Contact factory for extended lengths.

### Recommended High Flow Regulators

Model Number	Gas	Outlet (PSIG) Pressure	Type
40-175-540	Oxygen	0-175	Cylinder
40-15-510	LP Gas	0-650	Cylinder
46-175	Oxygen	0-175	Manifold
46-50	LP Gas	0-50	Manifold
40-275-540	Oxygen	0-275	Oxy

\*Equipped with stainless steel diaphragm and rear entry cylinder connection.



Cylinder Regulator



Manifold Regulator



Available Regulator Hard Hat™ protects gauges from damage. Part #HB190



Part # H743 (pair)

- The Smith Oxygen Flashback Arrestors shown here may be used on tips up to size 5.
- Tips ranging from Size 6-9 require high capacity Oxygen Flashback Arrestors. We Recommend Ibeda Brand: Part # - 0701-3021 - Fuel Gas Part # - 0701-3022 - Oxygen For more info go to: [www.oxyfuelsafety.com](http://www.oxyfuelsafety.com)



**Warning!**  
High flow capacity flashback arrestors must be attached to the torch before operating!