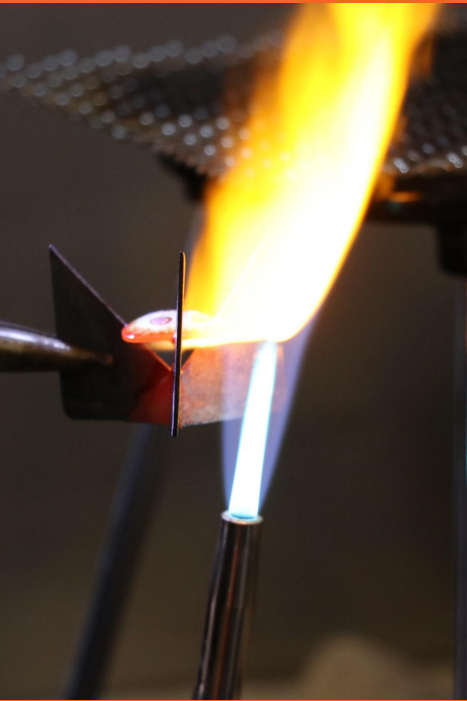

Setting up your home studio

Part 1 – Torch

Anne Wolf

AnnevilleStudio.com



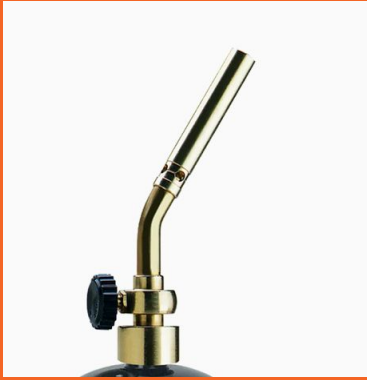
What temperatures are the flames from different torches? (hottest to coolest)

Oxy/acetylene	5,730°F
Acetylene/air	4,000°F
Oxy/Propane	4,087°F
MAPP	3,730°F
Propane/air	3,623°F
Butane	2,610°F



Acetylene/air (cost: \$300 ish)

- Pros - hot, different size tips, tanks last, refillable.
- Cons - high initial cost, dirty flame (can cause carbon contamination at HIGH heat).
- Acetylene "B" or "MC" tank - best to buy locally, Westair or used on craigslist.
- Need regulator, hose, torch handle, torch tips.
- Smith is better, Goss is cheaper.
- Buy Presto-lite/Goss at Westair.
- Buy Smith at Rio Grande.
- Torch tips: sizing system is different for the two brands: Smith #0, #1 and #2. Goss/presto-lite; #2, #3, and #4.



MAPP/air or Propane/air (cost: \$30-70)

- Pros - lower initial cost, smaller canisters less alarming to spouses/insurance agents. More portable.
- Cons - disposable canisters not eco-friendly or cheap; hard to recycle.
- Tips screw directly onto canisters, or optional hose for easier use.
- Different style tips yield different size flames.
- Tips can be bought online, canisters locally (Lowe's).

Item # 822006 Model # TS3500K

BernzOmatic Multi-Use Torch Kit for Projects and Repairs

38 Ratings
★★★★★
4.5 Average

Community Q&A
View Now



Butane

(cost: \$20-50)



- Pros - low initial cost, easy to set up, small canisters, even less alarming.
 - Cons - Flame not so hot, tips can clog, canisters disposable.
 - Tips screw directly onto canisters.
 - Different style tips yield different size flames.
 - Canisters can be bought online.
 - Recommend Ultratane fuel for less clogging.
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