

Safer workshop, cleaner flame, higher productivity, lower costs

Tell Me Why I Need A Torch Booster

Because OSHA, the National Fire Protection Association and common sense say you need flashback arrestors on torches using fuel gas and oxygen

But in many places gas pressure is so low that flashback arrestors block gas flow

UL Listed flashback arrestors need at least 1 psi utility gas service to open and allow natural gas to flow through them and in many places utility gas pressure is only 1/4 psi. For this reason many jewelers don't use flashback arrestors and hope for the best, or think they are safe by installing checkvalves.

Checkvalves will not protect you from a torch flashback

When a torch flashback happens a 5,000F flame travels through the gas pipe to the gas meter, which explodes! **It is just like a hand grenade going off in your shop!**

Flashback arrestors are designed to extinguish the flame immediately and protect the gas meter. A checkvalve is designed to only prevent high pressure oxygen from flowing into the natural gas pipe - **the high heat of the flashback melts right through a checkvalve.**

A Torch Booster raises gas pressure enough to use a flashback arrestor and get a superior flame at the torch!



When a UL Listed flashback arrestor is installed at the regulator on a G-TEC Torch Booster all torches are protected from a flashback and all will get superior flame performance.



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This is a gas meter which was destroyed in a flashback explosion at a New York City jeweler.

A safer workplace is only one benefit of a G-TEC Torch Booster

You will also appreciate better torch performance with high pressure natural gas. Jewelers using propane and acetylene normally set their torch pressure at 3-6 psi but city natural gas is only 1/4 psi - jewelers "made-do" because that's all there was. Now jewelers can raise natural gas pressure to same levels as acetylene and propane and get much better performance from their torches - even boost natural gas pressure to 10 psi for casting platinum with less oxygen.

Natural gas is much cleaner than acetylene or propane because it doesn't have as much carbon - there is no soot buildup on the torch and no soot floating through the air. Keep your tools, your jewelry and your workspace cleaner with natural gas.

You will be more productive with a G-TEC Torch Booster because you are connected right to the utility natural gas supply - you will never run out of gas! With acetylene and propane cylinders you waste time buying replacements, returning empties and they always seem run out at the wrong time.

And natural gas costs less - half as much as acetylene or propane. For equal heat natural gas is a bargain and a busy jeweler will save money every day - as a bonus you don't even pay for natural gas until after you have used it. You pay for acetylene and propane before you've even lit your torch.

G-TEC Torch Boosters are welcomed in buildings that prohibit cylinders of acetylene or propane. Torch Boosters are Approved for use in the Los Angeles Jewelry District, Approved by the NYC Fire Department, the Massachusetts Board of Examiners of Plumbers and Gas Fitters and Certified by CSA International.

