



Lasertec® is American Torch Tip's line of consumables that are compatible with most brands on the market consisting of laser focusing lenses, laser optics, ceramics and more.







Thermatec® by ATTC supports an array of systems, including HVOF, Plasma, Twin Wire Arc, Flame Spray, and Powder Flame Spray. We specialize in nozzles, combustion chambers, injectors, o-rings, air caps, anodes, tips, and MADE IN USA electrodes.



### **American Manufacturer of WELDING & CUTTING EQUIPMENT**

**Since 1940** 



### **OUR BRANDS**

**DESIGNED ENGINEERED MANUFACTURED** IN THE U.S.A.

**By American Torch Tip** 

941-753-7557 AmericanTorchTip.com











**CREATING A BETTER EXPERIENCE** 

#### AMERICAN TORCH TIP

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### PHD"& PHDX"

## Clean Cut.

THE NEXT GENERATION OF

**PLASMA CUTTING** 

# MIG GUNS

Lightning® allows welders to keep working in destructive environments without worrying about damaging their most important tool.



PHD<sup>™</sup> and PHDX<sup>™</sup> plasma torches pack a punch with less than 2° bevel and minimal dross, dramatically reducing the time needed for post-grind clean up.

#### LIFETIME WARRANTY

The best CNC plasma cutting torch warranty in the industry.



PHD™ combined with CleanCut™ changes the industry of plasma cutting by reducing plasma arc turbulence with a high-velocity configuration, stabilizing and accelerating the gas column and producing ultra-smooth cuts.

#### **DURABLE CABLES**



All cables come equipped with a high copper strand count, electron-beam accelerators and Hytrel®\* inner-tubing that make them kink- and impact-resistant.

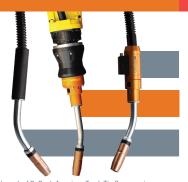
#### LIFETIME WARRANTY ON HANDLE & TRIGGER SWITCH

#### **MULTIPLE CONFIGURATIONS**

Lightning® spans a wide range of applications, from semi-automatic to robotics. Special length cables are available all with fast turnaround times.

Build your own gun and request a free demonstration at americantorchtip.com/build-a-gun

 ${}^* Hytrel @ is manufactured by DuPont {}^{TM} and is a trademark of DuPont. American Torch Tip Company is in no way affiliated with DuPont. \\$ 

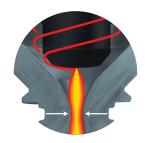


#### STRICT CONSUMABLE TOLERANCES



Our consumables meet rigid standards including spectroscopic verification of raw materials and micro vision-inspection of all critical dimensions. These measurement systems are capable of detecting variances of up to .0005 inches.

PHD<sup>™</sup> and PHDX<sup>™</sup> torches are Cognex tested.



Choked Flow Pressurizes Plasma Arc

Compared to standard and high definition designs, CleanCut™'s nozzle design pressurizes the flow of gas. Once the pressure is released, it provides a more narrow, stable arc. This also allows for a quicker piercing time for thicker plates/materials.





