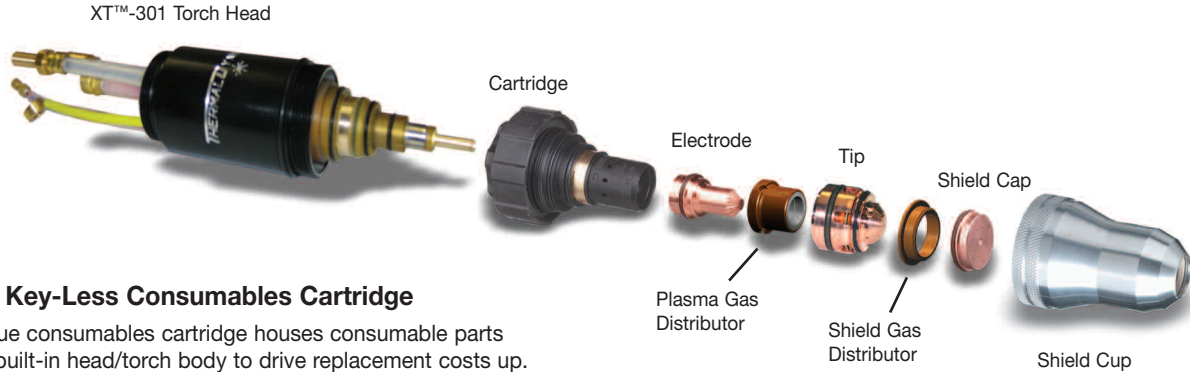


The XT™-301. . . More Than Just a Replacement Torch!

The XT-301 automated torch actually upgrades your Merlin 1000 system and provides better cutting performance and cost savings beyond the capabilities of your present Maximizer torch. The XT-301 is the most technologically advanced conventional plasma torch available today.



Unique Key-Less Consumables Cartridge

The unique consumables cartridge houses consumable parts only, no built-in head/torch body to drive replacement costs up. Changing cartridges is fast and easy – a couple of twists and the unique rapid engagement retaining collar threads release the cartridge. Down-time is reduced to minutes and you can change from one process to another or from one application to another quickly and easily.

No Tools Required

Unlike other torches, no tools are required to change either the torch consumables or major components in the torch head.

Leak-Less Torch Head Design

XT-301's unique coolant tube design eliminates coolant leakage during consumable parts changes. No more water running down your arm or air becoming trapped in the leads when you try to change parts.

Self-Centering Components Maintain Precise Alignment

Consumable parts and torch body are precisely engineered to lock into place for absolute alignment and remain perfectly positioned cut after cut. Independently-aligned tip and electrode within the torch head assures accurate re-centering of the consumable cartridge after each parts change. Well-defined metal threads on the torch head withstand repeated twisting and turning better than plastic.

Superior Warranty

Thermal Dynamics' XT™-301 Warranty covers both torch components and service for a full 1-year period.

Performance Cutting on All Metals

The XT™-301's dual gas technology provides one of the highest arc density plasma streams for performance cuts on stainless steel, mild steel, aluminum and other non-ferrous materials. Choices for plasma gas include O₂, N₂, Ar-H₂ or Air and shield gas choices include N₂, H₂O and Air.

Relaxed Cutting Parameters – Excellent Cutting Results

With the XT™-301, cutting parameters don't have to be as exact as with other torches. The operating window permits a +/- 30% travel speed variance for great cutting performance with less wasted material and time.

- **Less Critical Standoff Height**
- **Wider Operating Window for Dross-Free Cutting**