

Laser Safety Requirements*

Safety PPE

- Laser Safety Glasses
- Laser Welding Helmet

Facility Safety

- Laser Controlled Area
Dedicated Laser Enclosures or Laser Room
- Laser Safety Officer (LSO) on Staff
Ensuring proper laser installation and usage

OptX Specific Safety Features

- Power Key and Activation Code
- Emergency Stop
- External Door Interlocks
- 2-Stage Trigger
- Workpiece Sense Clamp
- Back Reflection Error
- Plasma Detection

*The ANSI Standard Z136.1 and IEC Standard 60825-1 contain valuable information on class 4 laser safety requirements.



Miller is Committed to Providing
a Safe and Reliable Solution.

For more information on OptX Safety &
Operation, visit: MillerWelds.com/optxinfo



For additional product information and available
distributors, visit: MillerWelds.com/optx



**OptX™ Series
of Handheld
Laser Welders**
Transform the way you weld





Boost Profitability

Distortion Control

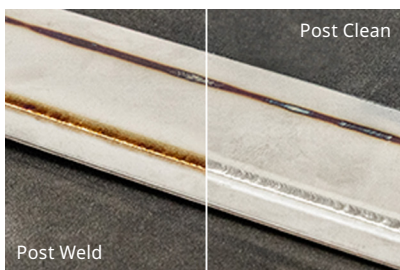
- Virtually eliminate post weld straightening.

Reduced Pre-Weld Processing

- Single side tack welding can eliminate the need for drilling or slotting for plug welds.

Improved Post-Weld Clean Up*

- Eliminate the need for chemicals when utilizing the laser cleaning process.



Product You Can Trust

- Optimized parameters designed to provide quality welds.
- The OptX wire feeder is designed specifically for consistency.

Maximize Workforce Talent

Even Novices Weld Like Experts. With almost no learning curve, anyone can become a great welder.

Service You Can Rely On

Peace of mind backed by our nationwide support network and three-year warranty.



OptX 1kW



Complete Package:
951000204

OptX 1kW provides laser welding functionality. Ideal for applications up to 1/8 inch depth of penetration.

OptX 2kW



Complete Package:
951000109

OptX 2kW provides laser welding and laser cleaning functionality. Ideal for applications up to 5/16 inch depth of penetration.

OptX 1kW Machine

OptX Accessories Kit for:

- Steel
- Stainless Steel

OptX 2kW Machine

OptX Accessories Kit for:

- Steel
- Stainless Steel
- Aluminum

OptX Wire Feeder



OptX Torch



OptX Laser Safety Glasses



OptX Laser Welding Helmet



*Applicable for OptX 2kW