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# Aurora **Lite**

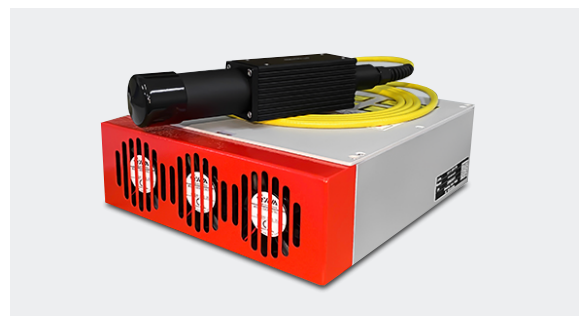
Laser Marking Machine

Your Ultimate Choice  
for Productivity





## FEATURES OF THE AURORA LITE



### Unbeatable Flexibility

Utilizing a state-of-the-art 50W Q-switched fiber laser, our machine generates a high-quality laser beam capable of marking and engraving a wide range of materials. The 50W Fiber Laser has proven to significantly improve the speed of black marking on anodized aluminum and stainless steel. Additionally, it excels in color marking on stainless steel and titanium, and demonstrates extraordinary power for deep engraving, ensuring superior results on various materials.

### Maximize Your Efficiency

Our laser marker adopt a dynamic magnetic structure for the galvanometer motor. This gives our lasers excellent stability, high positioning accuracy, fast marking speed and high interference resistance. With an engraving speed of 7,000 mm/s, THUNDER laser surpasses our competitors. An innovative motion system and a revolutionary drive concept. What does this mean for your users? The most efficient production, the highest throughput and thus the greatest profitability with impeccable quality.



### Faster and More Precise Performance

We insist on using high-quality all-metal materials to construct our machine frames, ensuring durability and stability. Utilizing advanced laser source technology, our machines offer an extended lifespan of up to 100,000 hours, providing you with hassle-free, maintenance-free convenience. We are confident in the quality of our products, which is why we offer a comprehensive 3-year warranty. We guarantee that every machine you purchase will stand the test of time.



### Uncompromising Protection

Thunder Laser puts the safety of the user's eye protection at the top of the list. The fully enclosed protective cover reduces the risk of visual impairment. Because this protective cover is made of durable material. And we have also obtained this patented technology. Our marking lasers are equipped with intelligent control functions. It not only enables accurate aiming but also improves user safety. Our laser marking machines can reduce glare and control laser volume.



#### Specification

#### Aurora Lite

Laser Type	Fiber Laser	Table	Alumina table, 14.7"×11.3"/375×288mm
Working Area	5.9"×5.9"/150×150mm	Cooling	Air Cooled
Laser Wattage	50W	Weight	72.5kg (160lbs)
Z-Axis	17.3"/440mm	Rotary	YES
Max Fil Speed	7000mm/s	Camera	NO
Max Line Speed	2000mm/s	Focus Mode	Dual red light manual focus

## COMPATIBLE MATERIALS

Material	Applicable	Material	Applicable
Metallic Materials	✓	Carbon Steel	✓
Rigid Plastics	✓	Aluminum	✓
Hardware Tools	✓	Iron	✓
Industrial Accessories	✓	Steel	✓
Stainless Steel	✓		

## APPLICATION AREA

Application industry of fiber laser marking machine.  
Electronic parts, various auto parts, home appliances, hardware tools, mold jewelry.

