



Home / Mini Portable Laser Engraver

## Handheld Intelligent Laser Marker



The Handheld Smart Laser is a portable, battery powered and fully autonomous marking machine! It has a powerful power supply system with 24V rechargeable lithium battery, which can last for 6-8 hours under normal use. It's light weight and versatility make it ideal for perfect marking of large, heavy or difficult to handle work pieces.

**Inquiry Price!**



### Description

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# HANDHELD WIRELESS MARKING MACHINE

CONFIGURE 24V LITHIUM BATTERY TO ACHIEVE COMPLETE WIRELESS MARKING  
REAL AND PORTABLE SERIES, THE WHOLE MACHINE IS ONLY 6KG



WIRELESS MARKING



LONG BATTERY LIFE



WEIGHT ONLY 6KG



MARK AT WILL

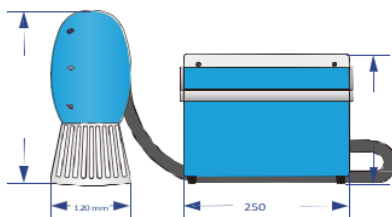
## Equipment Description:

The Fiber Handheld Smart Laser is a portable, battery powered and fully autonomous marking machine! It has a powerful power

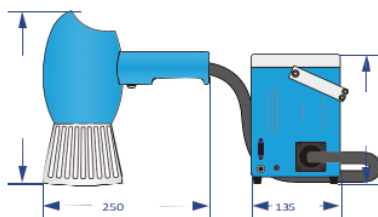
supply system with 24V rechargeable lithium battery, which can last for **6-8 hours** under normal use. It's light weight and versatility make it ideal for perfect marking of large, heavy or difficult to handle workpieces.

The Fiber is powerful, sturdy and reliable. The weight of the whole machine is 6 kg, and it's marking head is only 1.25 kg. It has an ergonomic grip, which is comfortable to hold and easy to operate. Rear USB interface, software support: text, pattern, QR code, barcode, serial number, graphics and other marking content, in addition, Q8 also has a special box that is convenient for storage and can be carried to different places. It is one of the smallest rechargeable laser marking machines on the market!

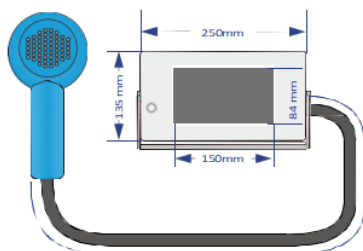
## **Equipment Size:**



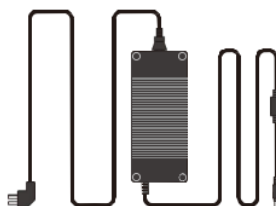
**Front View**



**Side View**



**Aerial View**



**Power Charger**



**THE WHOLE MACHINE WEIGHS 6KG,  
IT IS LIGHT AND PORTABLE TO MARK ANYWHERE.**

Powerful and reliable, the weight of the whole machine is 6 kg, and its marking head is only 1.25 kg. It has an ergonomic grip that comfortable to hold and easy to operate.

### **ADVANCED FIBER 20W LASER**

Using MAX 20W fiber laser source, the spot quality is good, the output light power is stable, and it can be flexibly applied to metal materials and some non-metal materials.



### **LONG BATTERY LIFE, 6-8 HOURS WORKING TIME**

It uses 24V lithium battery to achieve complete wireless, which can maintain work for 6-8 hours under normal use.

### **MARKING WHILE CHARGING, THE DEVICE CAN BE CHARGED AND USED AT WORK**

Increased power control design, the equipment can be charged during work, to achieve continuous work and improve processing efficiency



## **Technical Parameters:**

**Model**

**LS-YLP-20L**

Laser Parameters	Laser Source Model	LS-YLP
	Output Power	18.5W
	Beam Quality M2	$\leq 1.4$
	Pulse repetition rate	27-60 kHz
	Wavelength	1064 $\pm$ 5
	Output power stability	<3%
Optical properties	Life time	$\approx$ 100,000 working hours
	Marking Area	80mm
	Engraving Depth	$\leq 1\text{mm}$
	Engraving Speed	$\leq 10000\text{mm/s}$
	Repetition accuracy	$\pm 0.002$
	Min. Line	0.1mm

	Width	
	Min.Font Height	0.15mm
	6-8 hours under normal use	
	Battery life	
Working Environment	Cooling Mode	Air Cooling
	System power supply	500W / 100-240V / 50/60Hz
	Operation System	Linux
	File Format	Software support text, pattern, QR code, bar code, serial number, graphics, etc. (USB input)
Other Parameters	Equipment Size	Controlling case: 250x135x195mm
		Marking head: 250x120x260mm
	Equipment Weight	Whole machine : 6kg ; Laser head : 1.25kg

After Sales Service:



1.All of our machine will be fully-checked by our quality control department before the shipment.We guarantee all of our laser machines have a one-year warranty (quick-wear parts notincluded).

2.Training details: operation principles, system and structure, safety and maintenance, softwarethe processing technique, and so on.

3. Numerous feedback from our clients have proven that our laser machines are stable inperformance with rare malfunction.

**However, we would like to handle it as follows oncemalfunction occurs:**

a.We guarantee that we will give you a clear reply within 24 hours.

b. Customer service staff will assist and guide you to analyze the malfunction in order to locatethe cause.

c. If the malfunction is caused by improper operation on software and other soft faults, we willhelp solve the problem on line.

d.We will offer plenty of online supports, just like detailed technical and installation instructionsby email,video, telephone.  
(Training by team viewer)

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## RELATED PRODUCTS



20W Fiber Laser Engraving Machine  
20W Portable Fiber Laser Engraving Machine  
20W Mini Portable Laser Engraving Machine  
20W Safety Full Enclosed Laser Engraving Machine  
Handheld Laser Marking Machine

Hispeed focus on your solution for laser marking, engraving and cutting. We offer competent consultation and first-class customer service across the globe. If you are seeking for innovative client-specific laser marking solutions or high-precision laser engraving machines, do not hesitate to contact us.

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[Request a quote](#)

## About Us

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Hispeed Laser Technology Ltd. is a laser marking machine manufacturer established to produce and supply laser marking machines and provide laser marking solutions. From popular entry-level laser markers, to complex laser marking engraving projects, we can provide a complete solution according to your needs.

## Best Sale Laser Machines

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- [Fiber Laser Marking Machine](#)
- [UV Laser Marking Machine](#)
- [CO2 Laser Engraving Machine](#)
- [CO2 Laser Cutting Machine](#)
- [Fly Laser Marker](#)

## Contact Us



[inquiry@hispeedlaser.com](mailto:inquiry@hispeedlaser.com)



+86 137 1335 8285



Add: No 26th, Hengxi Liulu, Hengkeng, Liaobu,  
Dongguan, Guangdong, China, 523413

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