

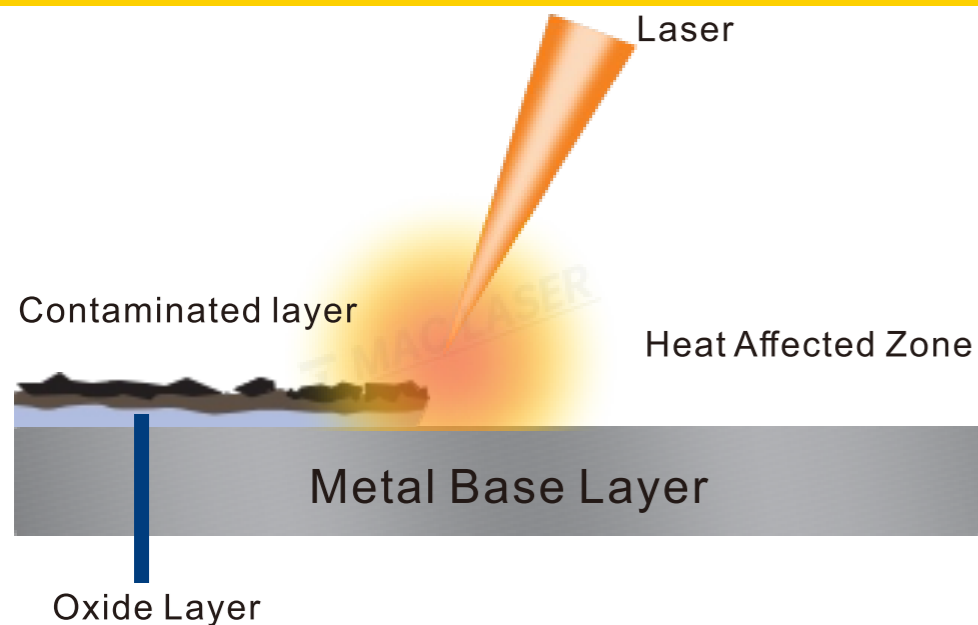
Handheld Laser Cleaning System

Ultralight **15kg**, Super Cleaning Width **450mm**

Model	iCLEANer -100	iCLEANer-1000	iCLEANer-1500	iCLEANer-2000	iCLEANer-3000
Output Power	100W	1000W	1500W	2000W	3000W
Laser Wavelength	1060-1070nm		1080±5nm		
Laser Type	MOPA		CW Fiber Laser		
Power Range	10~100%				
Fiber Length	3m		10m		
Cleaning width	150mm	300mm(450mm,2D Optional)		300mm(2D Optional)	
Cooling Method	Air Cooling		Water Cooling		
Working Environment	10~40°C 、 Humidity10~85% 、 No Condensation				
Power Rating	400W	4KW	6KW	8KW	12.3KW
Operating Voltage	220VAC 、 50/60Hz				
Dimension	359.5*380*152mm	1050*540*1050mm		1060*620*1110mm	
Weight	15kg	170kg		200kg	

LASER CLEANING PROCESS

The laser emits a beam of energy that is absorbed by the contamination layer on the surface to be treated, and the shock wave causes the contaminant to evaporate or peel off instantly, the base material will not be damaged or melted.



LASER CLEAN SOLUTION

- Non-abrasive, non-contact cleaning to avoid secondary pollution.
- High cleaning accuracy, controllability, no consumables, environmental protection.
- Easy to control, can be powered on, can be hand-held or with robot to achieve automatic cleaning.
- High cleaning efficiency and time saving.
- Stable system, long life, one-time investment, economic and efficient

APPLICATION FIELD



Aerospace industry



Ship maintenance industry



Train track



Automotive peripheral industry



Machinery factory, chemical plant



Mold processing industry

TYPICAL APPLICATIONS



Degreasing of metal parts



Tire mold degreasing



Flange surface coating removal



Rust removal from automobile parts



Surface oxidation removal from machinery



Rust removal from machine base plate