

Laser Cleaning Machine 200W



Introduction:

Laser cleaning equipment is a new generation of industrial surface cleaning laser system. It adopts the advanced laser source, laser optical scanners and control system to meet the requirements of metal surface cleaning process. It can be customized according to customer requirements to develop a dedicated cleaning system. Widely used for the surface laser degreasing, laser paint removal, laser removal of zinc, laser film removal, laser cleaning, such as coating, etc

Characteristic:

1. Laser cleaning has no grinding, non-contact, no thermal effect and suitable for various materials, etc.
2. Rapid, clean and accurate cleaning, removal of surface coatings, coatings, oxide;
3. No damage to substrate;
4. High cleaning precision, strong control ability
5. Can be used for a long time, low operating costs;
6. The device can realize automatic operation and simple operation;
7. Environmentally friendly, no supplies, no two pollution

Technical data:

Laser Source	Fiber laser source
Laser Power	200W
Laser Grade	Class IV
Pulse Duration	10-400 ns
Pulse Frequency	1-2000KHz
Pulse Energy	2 mJ
Wavelength	1064nm
Cooling Method	Air cooling
Power Supply	Single Phase 220V, 50HZ
Power Consumption	1200W
Mechanical Data	800*450*1000mm
Dimension of the Laser Unit	483x415x133mm
Weight of Laser Head	3.5kg
Weight of Supply Unit	90Kg
Focus Distance	100-254mm
Working Distance Tolerance	1-70mm
Fiber Cable Length	3.5 M
Laser Beam width	10-175mm
Temperature	5-45 °C

Application scope:

Metal workpiece laser derusting, degreasing, laser paint removal, laser removal of zinc and film, laser coating removal, widely used in aerospace, mold, microelectronics, construction, nuclear power plants, automobile manufacturing, medical, military etc.



QA-LC100 Mini Type:



QA-LC1000 1000W fiber laser:



QA-LC500D 500W diode laser:



QA-LC60 Portable 60W Demo:



Video link:

20W: <https://www.youtube.com/watch?v=x2tz-18epfo>

60W: <https://www.youtube.com/watch?v=qJ4JBHpZnQ>

100W: <https://www.youtube.com/watch?v=HTUYXRqL3uw>

200W: <https://www.youtube.com/watch?v=fHHl6Rapy0M>

500W: <https://www.youtube.com/watch?v=M73YJUMO4WQ>