

100W and 200W

LASER CLEANING MACHINE

Pulse Laser System

QA-LC100/200S Laser cleaning machine is a suitcase type machine. The weight is only 5kg/33kg, the outlook is the same as a travel case, which is very easy to take along and move. Touch screen controller is as easy to operate as a mobile phone. We also approved to add Phone APP control system. The cleaning process is very simple and rapid. It can remove the rust, paint, grease, dirt, coating, residue, oxide layer, and other target materials with high efficiency, high performance, low cost and without harm to the base material.



Features

100w

- Compact dimension and light weight
- 8 kinds of cleaning modes
- Self-developed cleaning system
- Good cooling and ventilation effect
- Easy maintenance
- High cleaning efficiency
- High-Tech non-contact cleaning

200w

Works : C-27, MIDC Waluj, Aurangabad-431136. | Regd. Off. : HIG 64, R 28, Mhada, N-7 CIDCO, Aurangabad-431003.

+91-9663331848; +91-7020099766 | sales@swagongroup.com | www.swagongroup.com

Machine details

100w



200w



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Configurations



Laser cleaning head

The laser head is small and light, weighing less than 0.6kg, equipped with dust-proof protective mirrors.



Touch screen controller

Wireless touch operation screen, small size like mobile phone, light weight. There are 8 kinds of preset modes.



Mobile APP control

There are two control methods, one is a handheld controller, and the other is controlled by a mobile phone Bluetooth APP, with a timing function. Easy operation.



Laser source

JPT pulse laser source, maximum monopulse energy is 1.5mJ. The lifetime is 100000hours, warranty is 2 years.



100w Buttons

1. **Power plug:** 110/220v, We will adapt to power plugs for different countries
2. **Key switch:** The main power switch of the machine.
3. **Emergency stop button:** Emergency stop button of the equipment.
4. **Air interface:** Connect dry compressed air to prevent dust from damaging the lens during cleaning



200w Buttons

1. **Main Power:** 110/220v, We will adapt to power plugs for different countries
2. **Start button:** The main power switch of the machine.
3. **Emergency stop button:** Emergency stop button of the equipment.



Laser safety goggles

Laser safety goggles protect your eyes from laser damage, with a high protection index and very safe



Focus lens

Standard F160 focus lens, cleaning width 100mm, optional larger focus lens, maximum cleaning width supports 300mm

SPECIFICATIONS :

Optical parameters		
Model	QA-LC100S	QA-LC200S
Laser source	Fiber	Fiber
Laser power	100W	200W
Fiber cable length	5 M	5M
Laser wavelength	1064nm	1064nm
Pulse energy	1.5 mJ	1.8mJ
Pulse frequency	1-4000KHz	1-2000KHz
Pulse width	2-500ns	2-500ns
Power range	10-100 adjustable	10-100 adjustable
Cleaning speed	≤12 M2/Hour	≤20 M2/Hour
Power instability	<5%	<5%
Cooling	Air cooling	Air cooling
Cleaning head parameters		
Scan range	0mm-110mm	0mm-110mm
Scanning modes	8 scanning modes	8 scanning modes
Cleaning head weight	< 0.6kg	< 0.6kg
Mechanical parameters		
Machine dimension	540*400*290 mm	600*500*300mm
Packing dimension	680x540x400mm	800*650*400mm
Net weight	25kg	33kg
Gross weight	28kg	38kg
Operating environment		
Power consumption	≤800W	≤1000W
Temperature	-40 °C-40 °C	-40 °C-40 °C
Voltage	Single phase 110V/220V± 10%, 50/60Hz	Single phase 110V/220V± 10%, 50/60Hz
Working environment humidity	≤80%	≤80%