

Laser Cleaning Machines Specification Sheet

Fiber laser cleaning machine uses focused high-intensity laser energy to remove contaminants, rust, coatings, and unwanted layers without damaging the underlying material.

200w 300w Luggage Fiber Laser Cleaning Machine

Parameter	Value
Model	WH-200QX WH-300QX
Laser Power	200W 300W
Laser Type	Pulse laser
Control Panel	Touch Screen
Handheld Head Weight	0.9kg 1.25kg
Fiber Cable Length	5 m (Outside 4m)
Laser Source	JPT/Max laser
Laser Wavelength	1080nm
Scan Size	105*105mm
Cooling Type	Air cooling
Energy Consumption	1200W 1500W
Anti-Reflective Protection	Yes
Power Requirements	Single phase, AC220v 220V±10%, 50/60Hz
Work Temperature	0°C~40°C
Package Dimensions	560*640*980mm 570*650*980mm
Gross Weight	85kg 85kg

100w Backpack Portable Laser Cleaner

Parameter	Value
Product Name	100 W Backpack Portable Fiber Laser Cleaning Machine
Category	Pulse Fiber Laser Cleaning Machine
Laser Type	Pulse fiber laser
Laser Wavelength	1080 nm
Laser Quality M2	<=1.6
Rated Laser Power	100 W
Power Adjustable Range	10 to 100
Output Power Stability	>=95
Cooling Method	Air cooling
Scan Width	0 mm to 100 mm
Laser Head Weight	<0.75 kg

Parameter	Value
Whole Machine Power	500 W
Power Supply	Single 220 V 50/60 Hz
Language Supported	Chinese, English, Traditional, Russian, Japanese, Spanish, German, Korean, French
Cleaning Mode	7 types
Machine Dimensions	450 x 200 x 340 mm

1500w/2000w/3000w Handheld Fiber Laser Cleaning Machine

Parameter	Value
Model	Handheld Fiber Laser Cleaning Machine
Laser Power	1000 W / 1500 W / 2000 W / 3000 W
Laser Source	Max (Raycus, BWT optional)
Laser Type	Continuous fiber laser
Wavelength	1064 nm
Cleaning Width	200 - 300 mm
Cleaning Efficiency	1 - 2 m ² /minute
Fiber Cable Length	10 m / 15 m
Control System	Relfar
Laser Head	Relfar
Protective Gas	Compressed air
Cooling System	Water cooling
Voltage	AC220V (1000W-2000W) / AC380V (3000W)
Machine Size	600 x 1000 x 1100 mm
Machine Weight	140 kg
Operating Temperature	5°C to 35°C

Fiber laser welding machine

Parameter	Value
Laser Power	2000 W (1000 W/1500 W/3000 W available)
Laser Wavelength	1064-1090 nm
Fiber Cable Length	10 m
Work Mode	Continuous
Welding Speed	400-500 mm/s
Cooling Method	Water cooling chiller
Welding Thickness	0.3-5 mm
Welding Beam Width	<=1.5 mm
Laser Source Service Time	100,000 hours
Work Voltage	380 V
Rated Power	10 kW (chiller included)
Laser Spot Size	0.2-5 mm
Laser Head	Double wobble
Auto Feeder	Yes
Positioning	Red light position

3 in 1 handheld laser cleaning machine

Parameter	Value
Laser Source Power	1000W / 1500W / 2000W / 3000W
Laser Type	Continuous
Laser Source Brand	Raycus, Max, BWT
Cleaning Head	Ruifa brand head
Operating System	Handheld Welding/Cleaning/Cutting System
Total Power	7500-9500W (Chiller included)
Cleaning Efficiency	15-45m ² /h
Laser Wavelength	1064±10nm
Auto Wire Feeder	Wire diameter 0.8mm/1.0mm/1.2mm/1.4mm/1.6mm
Environment Humidity	<=70% no condensation
Cooling System	Water cooling

Pulse laser cleaner-Rust, Oil, Debris & Paint Removal

Parameter	Value
Laser Source Brand	MAX

Parameter	Value
Laser Type	Fiber Pulse
Power Options	100 W / 200 W / 300 W
Machine Style	Trolley Case
Cleaning Method	Non-contact
Target Contaminants	Rust, Oil, Debris, Paint, Oxide Film

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Figures are the published machine data. Options and configurations are confirmed per order.