HeatSign
The Science of Marking

200W HANDHELD LASER CLEANING MACHINE

(HS-JPT200)

The HS-JPT200 handheld laser cleaning machine has many advantages such as portable and lightweight, flexible and adjustable parameters, wireless control, etc. It can efficiently remove rust, stains, oil stains, coatings, etc.

it can be applied to multiple industries, such as mechanical processing, cultural relics restoration, and mold cleaning. , Food processing, electronic circuits and other industries.With the characteristics of precise positioning, it can meet the processing of a variety of modeling workpieces and achieve efficient cleaning.

Machine Features

- It can be run offline, you just use it after power on
- Laser collimation output, output spot size can be customized (default spot is 4mm)
- The laser cleaning head is extremely lightweight, weighs only 620g (without armor cable), and can be operated by hand for a long time
- Red light assisted focus technology, can adjust the focus position according to different F-theta lenses
- Wireless control, can realize parameter setting and laser light output control remotely, and update parameters at any time
- Portable trolley case design, the weight of the whole machine is 22kg, easy to carry
- Super integrated injection molding case, cushioning design, stable structure, wear resistance, shock resistance and drop resistance

Technical Specification

Model	HS-JPT200
Laser Type	Fiber Laser
M^2	<2
Delivery Cable Length	5m
Average Output Power	>200W
Maximum Pulse Energy	1.5mJ
Pulse Frequency Range	1-4000kHz
Pulse Width	2-500ns
Output Power Instability	<5%
Cooling Method	Air Cooled
Power Supply Voltage	220V
Power Consumption	<400W
Power supply current requirement	>8A
Central Wavelength	1064nm
Polarization	Random
Anti-Reflection Protection	Yes
Output Beam Diameter	4.0±0.5,7.5±0.5(Customizable)mm
Output Power Tuning Range	0~100%
Ambient Temperature Range	0~40℃
Ambient Temperature Range	-10~60℃
Dimensions	617*469*291mm
Weight	22kg

Applications

The Fiber Laser cleaner can do environmentally friendly and green cleaning. It is suitable for the high efficiency cleaning of the rust layer, layer-paint, deep oil stain, rough surface and weld cleaning, which will affect the surface of the substrate.

Rust Removal	Oxide Removal	Weld Pre-treatment
Molding Cleaning	Coatings Removal	Gluing Pre-treatment
Removal of Oil and Grease	Paint Removal	Surface Cleaning
Stain Removal	Surface Roughening	Tool Cleaning

Before Cleaning

After Cleaning

Before Cleaning

After Cleaning

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