

Backpack

Laser Cleaning Machine

Laser Solutions



Product Feature



Compact and Rugged Design

Easy to carry with backpack and trolley design
Only **17kg**



Pro-Environment, No Pollution

No contact processing and no damage to the substrate material



Easy Operation

Plug and play, designed for long time operation



Wide Application

Smoothly work on different types of materials even highly reflective materials



High Level Vertical Integration

All key components are designed and produced in house
Strict quality control, high consistency and reliability

Characteristic Parameters

Model	Backpack Laser Cleaning Machine				
Cleaning Case					
Substrate Material	Cast iron	Carbon steel	Stainless steel	Die steel gear	Aluminum
Surface	Severe rust (0.08mm)	Moderate rust (0.05mm)	Greasy dirt Slight rust	Moderate greasy Iron residue	Oxide Dirty surface
Effective DOF (mm)	8				
Normal Speed (mm ² /s)	2000	1800	2000	1500	1500
High Speed (mm ² /s)	3000	2400	3000	2300	2000
Effect	Surface cleaned without harming the substrate material				
The above data is for reference only, practical data will vary based on the complexity of the application.					
ELECTRICAL RATINGS					
Supply Voltage	220 ± 10 AC				
Current Consumption	5 ± 1 A				
OTHER SPECIFICATIONS					
Operating Temperature	0 to +40 °C				
Storage Temperature	-10 to +60 °C				
Humidity	10 to 96 %				
Cooling Method	Air Cooling				
Warm up Time	10s (Start operation after the alarm sound)				
	3min (Completely stable)				
Dimension	390×150×485 mm				
Weight	17 kg				
Laser Cleaning Head	2.5 kg				

Mechanical Specifications (mm)



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