

1000W SUP Fiber Laser Cleaning Rust Removal Machine

**Laser Source:
Technical Parameters**



Brand	Raycus
Model	RFL-C1000
Nominal Power	1000W
Mode of Operation	CW/Modulated
Polarization	Random
Power Tunability	10 to 100%
Wavelength	1080 ± 5 nm
Output Power Instability	±1.5%
Laser Beam Quality	M2 <1.5
Modulation Frequency	20kHz
Preview Red Light Power	0.1~1 mW
Interface	QBH (LOC)
Output Fiber Length	20m
Output Fiber Core Diameter	25 μm
Control Mode	RS-232/AD/Ethernet
Bending Working Radius	< 200 mm
Input power	220±10%, Single Phase Wire Connect
Operating Temperature	10 to +40°C
Storage Temperature	-10 to +60°C
Humidity	<70%
Cooling Method	Water Cooling
Dimension	410×405×150 mm
Weight	<25 kg



**Controller & Laser Gun:
Technical Parameters**

Brand	SUP
Model	SUP22C
Supply Voltage	220+10%V AC 50 / 60 Hz
Placement Environment	Flat, No Vibration, and Impact
Working Temperature	10 - 40
Applicable Wavelength	1064nm (+10nm)
Applicable Power	< 3000W
Collimating Lens	D16*5 / F60
Focusing Lens	D20*3.5 (F400 / F600 / F800)
Reflective Mirrors	20*15.2*T1.6
Protective Windows Specifications	>90
Beam Pointing Stability	D30*T5
Maximum Support Pressure	15 Bar

Model

SKU	CW1000-FLC-SUP	
UPC	673324402432	