



LASER WELDING
BY NOVOFLOW

DATA SHEET

NF-LC-CW 3000



hand held laser cleaning device 3000 watt	
description	technical data
laser power	3000 W
spot mode	continuous wave laser (CW), water cooled
max. single pulse energy MJ	CW
working distance* / scan width*	working distance 185 - 438 mm / scan width 5 - 300 mm
20 µm rust film (m ² /h)	36
20 µm oil pollution (m ² /h)	48
20 µm color / lacquer (m ² /h)	27
5 µm galvanized sheet metal (m ² /h)	25
floor or wall surfaces (m ² /h)	36
car paint (m ² /h)	leads to destruction of the component
aluminum oxide film (m ² /h)	-
hot rolled steel oxide layer (m ² /h)	small effect
voltage	380 V / 50 Hz
connected load	13 kW
dimension cm (l x w x h)	122 x 61 x 124
weight kg	188

field mirror model (standard F160, other models optional)	F160	F210	F254	F330	F420
working distance* mm	185	240	285	345	438
scan width* mm	105	130	150	175	200

