



**LASER WELDING**  
BY NOVOFLOW

## DATA SHEET

### NF-LC-M 1000



| hand held laser cleaning device 1000 watt        |   |
|--|---|
| description                                      | technical data  |
| laser power                                      | 1000 W  |
| spot mode  | multi (water cooled)  |
| max. single pulse energy MJ                      | 15  |
| working distance* / scan width*                  | working distance 185 185 - 438 mm / scan width 105 - 200 mm |
| 20 µm rust film (m <sup>2</sup> /h)              | 27,8  |
| 20 µm oil pollution (m <sup>2</sup> /h)          | 37,8  |
| 20 µm color / lacquer (m <sup>2</sup> /h)        | 18  |
| 5 µm galvanized sheet metal (m <sup>2</sup> /h)  | small effect  |
| floor or wall surfaces (m <sup>2</sup> /h)       | 30,2  |
| car paint (m <sup>2</sup> /h)                    | 4   |
| aluminum oxide film (m <sup>2</sup> /h)          | -   |
| hot rolled steel oxide layer (m <sup>2</sup> /h) | -   |
| voltage  | 230 V / 50 Hz   |
| connected load                                   | 6 kW  |
| dimension cm (l x w x h)                         | 92 x 58 x 88  |
| weight kg  | 200   |

| field mirror model<br>(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  |

