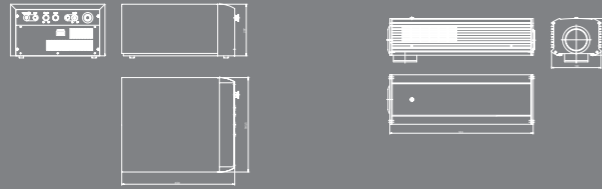


SERIE D-5000 YAG-AIR & WATER COOLED



LASER MARKING & CODING SYSTEM
macsa

D-5000
LASER SYSTEM

MODEL	D-5020	D-5000 GREEN																																										
NOMINAL POWER	20W (wavelength:1,06 microns)	7W (wavelength:532 nm)																																										
MARKING HEAD	Laser Tube Nd:YAG diode pumped through glass fiber. Marking area indicator (red diode) 635 nm optional. Marking optimized beam quality.	Laser Tube Nd:YAG diode pumped through glass fiber. Marking area indicator (red diode) 635 nm optional. Marking optimized beam quality.																																										
Q-SWITCH FREQUENCY	10 to 200 kHz	20 to 100 kHz																																										
SYSTEM CABINET	D-5000 Plus Laser, Scanners and Scanner boards built into the laser tube. Control electronics and power supplies built into the cabinet.	D-5000 Green Laser, Scanners and Scanner boards built into the laser tube. Control electronics and power supplies built into the cabinet.																																										
MAIN SUPPLY	125V AC/230 - 50/60 Hz - 1Phase+N - 1200VA	125V AC/230 - 50/60 Hz - 1Phase+N - 1200VA																																										
FOCAL SPECIFICATIONS	<table border="1"> <thead> <tr> <th colspan="3"></th> <th colspan="2">D-5020</th> <th colspan="2">D-5000 GREEN</th> </tr> <tr> <th>mm</th> <th>mm</th> <th>mm</th> <th>BD</th> <th>PD</th> <th>BD</th> <th>PD</th> </tr> </thead> <tbody> <tr> <td>□ 55</td> <td>WD 128</td> <td>FL 100</td> <td>34</td> <td>22,5</td> <td>15</td> <td>39,6</td> </tr> <tr> <td>□ 100</td> <td>WD 205</td> <td>FL 162</td> <td>67</td> <td>5,6</td> <td>20</td> <td>22,3</td> </tr> <tr> <td>□ 160</td> <td>WD 321</td> <td>FL 254</td> <td>101</td> <td>2,5</td> <td>25</td> <td>14,3</td> </tr> <tr> <td>□ 200</td> <td>WD 427</td> <td>FL 346</td> <td>126</td> <td>1,6</td> <td>30</td> <td>9,9</td> </tr> </tbody> </table>				D-5020		D-5000 GREEN		mm	mm	mm	BD	PD	BD	PD	□ 55	WD 128	FL 100	34	22,5	15	39,6	□ 100	WD 205	FL 162	67	5,6	20	22,3	□ 160	WD 321	FL 254	101	2,5	25	14,3	□ 200	WD 427	FL 346	126	1,6	30	9,9	
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	Specifications subject to change without notice. Standard FL = Focal Length WD = Working Distance in mm BD = Beam diameter in microns PD = Power Density in W/mm ² or KW/mm ² □ = Marking area in mm																																											
CONTROL	Handheld Terminal with ScanLINUX software Touch screen with Hand Held Terminal emulator software PC with Full Graphics Interface: includes Marca™ software, protection key, and Ethernet cable (TCP/IP) PC with Network Interface: includes Marca Lite™ software, protection key and TCP/IP																																											
ACCESSORIES	Mounting support Encoder and photocell kit	Mounting support Encoder and photocell kit																																										
ENVIROMENTAL CONDITIONS	15°C (59°F) to 40°C (104°F) external temperature. Suspension particles <3mg/m3 Humidity <90% non-condensating No vibrations																																											
WEIGHT	Laser head 10 kg cabinet 51 kg																																											



THIS COMPACT DIODE PUMPED YAG LASER SYSTEM IS THE "STATE OF THE ART" SOLUTION FOR MARKING YOUR PRODUCTS WITH ULTRA CLEAR MESSAGES AT LOW OPERATING COSTS.



MACSA ID, SA
 Girona, 46-48 · 08242 Manresa (Barcelona)
 SPAIN · PO BOX 383
 Tel: + 34 93 873 87 98 · Fax: + 34 93 874 11 56
 macsa@macsa.es www.macsalaser.com

