

# microMARK™

System Solutions for Marking of Ophthalmic Glasses and Contact Lenses



# microMARK™ MCL

## Maintenance-free DPSS laser engraving system

Suitable for:

- Branding and technical marking of spectacle lenses
- Technical and UDI marking of hard and soft contact lenses

Benefits:

- High quality engraving with accurate contrast adjustment on a variety of spectacle lenses and coatings
- Low investment and operating cost
- Maintenance-free due to on-site installation and plug-and-play replacement of main components direct by customer
- On request easy retrofit of automated handling system at customer's site



	microMARK™ MCL C
Suitable for	<ul style="list-style-type: none"> <li>• Blocked lenses</li> <li>• Adapter for unblocked lenses and contact lenses available</li> </ul>
Productivity	<ul style="list-style-type: none"> <li>• 150 blocked lenses/hour with automatic handling</li> </ul>
System accuracy	<ul style="list-style-type: none"> <li>• ± 0.1 mm</li> </ul>
Laser source	<ul style="list-style-type: none"> <li>• Maintenance-free UV solid state laser</li> </ul>
Beam delivery unit	<ul style="list-style-type: none"> <li>• Galvanometer scanner with F-Theta objective</li> <li>• Marking field of Ø 80 mm</li> <li>• Power regulation</li> </ul>
Software	<ul style="list-style-type: none"> <li>• Control software microMMI (convergent to existing laser solutions)</li> <li>• VCA/OMA interface prepared for the main surfacing line manufacturer</li> <li>• Easy to use layout editor including vector, bitmap &amp; logo import</li> <li>• Remote connection client included</li> <li>• Data backup on request</li> </ul>
Safety	<ul style="list-style-type: none"> <li>• Laser class 1</li> </ul>
Options	<ul style="list-style-type: none"> <li>• Automatic handling system</li> <li>• Branding adapter solutions</li> <li>• Service and installation kit</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>• 500 x 700 x 850 mm<sup>3</sup> (W x H x D) Stand alone</li> <li>• 1050 x 1600 x 2200 mm<sup>3</sup> (W x H x D) Automated handling</li> </ul>

\*Other configurations on request



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### 3D-Micromac worldwide

