

# microMARK™ MCF RXe 200

## System Solution for Laser Marking of Ophthalmic Glasses

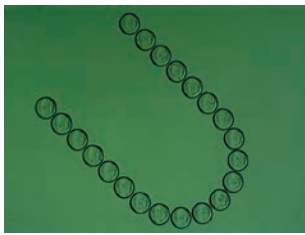
3D-Micromac's microMARK™ RXe200 is a premium quality marking device for all kinds of blocked lenses. Equipped with an optimized optical components setup and an large-sized magnification ratio this new generation of RX marking devices offers an increased depth of focus at lowest laser power operation on all materials.

microMARK™ RXe200 offers:

- Stable XY axis system with Z measurement
- Laser power measurement
- Precise digital galvanometer mirror deflection system
- 20 selectable apertures
- Fully sealed beam path with integrated beam flush unit



# microMARK™ MCF RXe 200 - System Configuration



## Suitable for:

- Technical marking of spectacle lenses
- Branding functionality for unblocked lenses on request

## Benefits

- High quality engraving with accurate contrast adjustment on a variety of spectacle lenses and coatings
- Small footprint
- Low investment and operating cost
- Easy retrofit of automated handling system at customer's site on request

Suitable for	<ul style="list-style-type: none"> <li>• Blocked lenses (mineral, plastic) with a maximum size of 80 mm x 35 mm (D x H above block reference)</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>• Industrial proven long life excimer laser source</li> <li>• 193 nm</li> </ul>
Beam delivery unit	<ul style="list-style-type: none"> <li>• Galvanometer scanner with mirror deflecting system</li> <li>• Marking field of Ø 80 mm</li> <li>• Power management</li> </ul>
Software	<ul style="list-style-type: none"> <li>• Proven ULM software version 4.0.0.0 (or higher), Interface to lensware LMS / ULM Socket Connection standard</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> </ul>
Dimensions	<ul style="list-style-type: none"> <li>• 960 x 600 x 1200 mm<sup>3</sup> (W x H x D) (manual and automated system)</li> </ul>

Changes in accordance to technical progress are reserved.