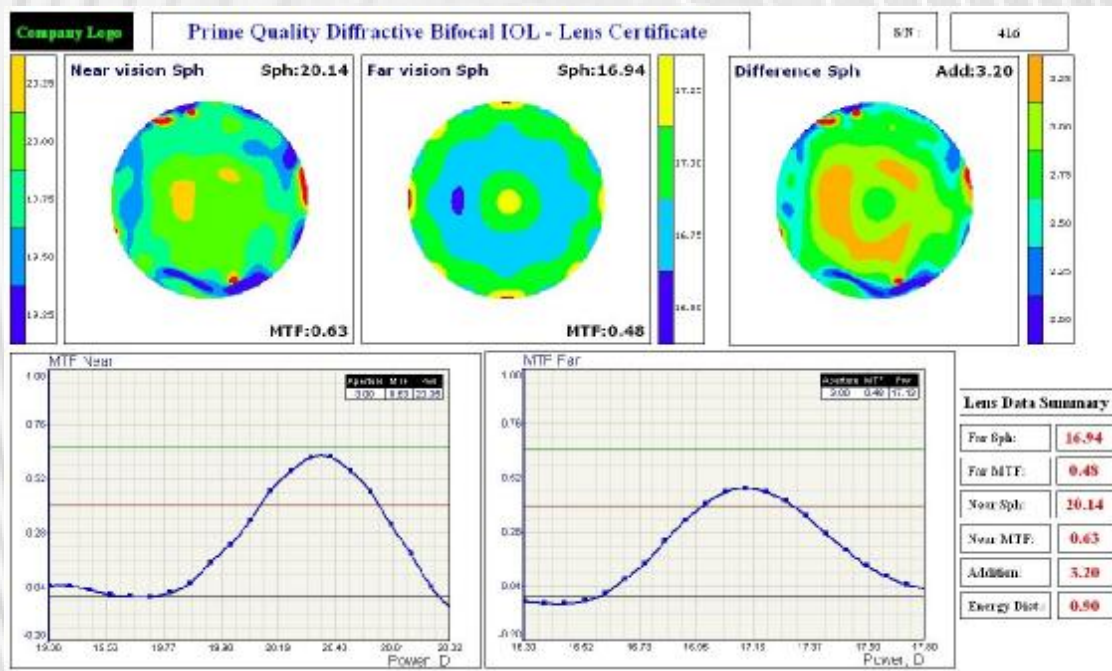




# IOLA MFD



The Rotlex IOLA MFD is a system intended to precisely map diffractive multifocal optical elements while immersed in saline, in a configuration simulating the human eye (ISO Model Eye). The IOLA MFD includes all of the features included in its older version, the IOLA MF, that was designed for refractive IOLs (single-vision, aspheric, toric, multi focal, etc). This new technology, in conjunction with the well known mapping capabilities of Rotlex, also tests the effects of toric and aspheric surfaces, and their interaction with the diffractive features of the lenses.



The output of the *IOLA MFD* includes:

- Two high-resolution maps corresponding to the near and far powers of the lens
- Paraxial power of each mode (meaning Sphere and Addition)
- Cylinder, whether intended or residual
- MTF of each of the two power modes
- Energy distribution between the two modes.

### Specifications:

Power: Up to +35D  
 Addition: Up to 10D  
 Cylinder: Up to 10D  
 Cyl Axis: 0 – 180 degrees

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The software also includes a production-oriented mode with minimum operations, as well as an R&D mode with many analysis and display functions.