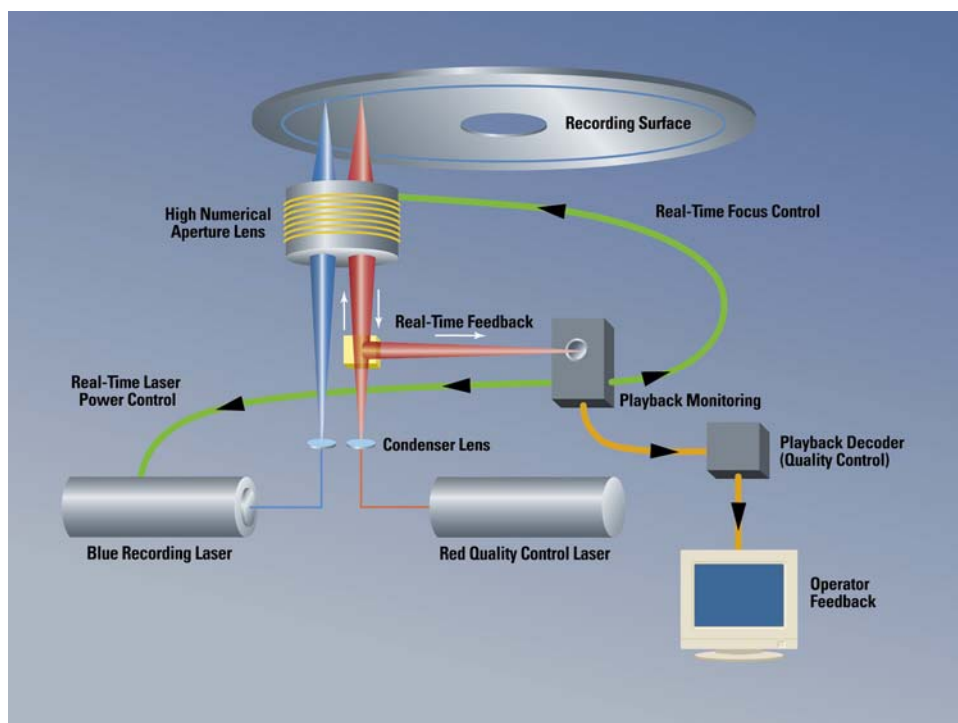


# DRAW (Direct-Read-After-Write) Mastering

The LaserWave Mastering System from ODC features DRAW (Direct- Read- After- Write) Mastering technology. With ODC's exclusive Advanced Dye Polymer recording medium, ODC mastering systems are capable of providing servo-controlled quality in real-time with DRAW Mastering! By providing feedback and automatic adjustment during mastering, DRAW Mastering assures optimum quality on every master produced. When it comes to high density mastering, the tight process control of DRAW Mastering technology enables the LaserWave to generate the highest production yields in the industry.



With DRAW Mastering, two separate lasers are used. A blue laser cuts the pits and a red quality control laser immediately follows to check the pit quality and, through a closed-loop servo control system, make any needed adjustments to focus and laser power. Since there is continuous real-time feedback and adjustment from the playback of the master, both the focus and pit size are precisely correct on every master. Through real-time reporting the system displays graphical and numeric quality information as the master is being recorded. As soon as a master is completed, the operator knows that it's good and can proceed directly to metallization and electroforming without any further testing. The Advanced Dye Polymer recording medium is a revolutionary technology that produces a unique pit geometry and a clean, smooth recording surface. The results are the elimination of molding problems, such as staining, and the achievement of superior quality glass masters.