SmartLoader

THE INTELLIGENT CAMERA-BASED LOADING SYSTEM FOR SPHERA2 PLUS XL

Aligning preexisting lens graphic elements with the frame is becoming more and more important in order to avoid rejects and increased manufacturing costs. Not just evergreen gradients, but also half-invisible mirrored images, 3D patterns, decorations, and printed drawings on the lens blank require perfect alignment with the edged shape.

The Smart Loader takes care of **perfect centering and orientation** of the blank before edging and assures a perfect and symmetrical result with any kind of decoration.

The standard hardware configuration is controlled by a software package that comes with image processing modules custom-designed for the customer's needs. This accessory recognizes and orients:
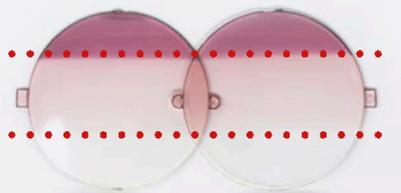

polarization axes

gradient

other **graphic elements** of the lens (logos, half-visible drawings, textures...)*

*This feature requires a MEI successful evaluation and preliminary test. MEI is available to test samples for a feasibility report.

The standard hardware configuration is controlled by a software package that comes with image processing modules custom-designed for the customer's needs. SmartLoader will be equipped with the related software modules according to your needs.

All the above with **unchanged machine footprint**.