



Opto-Devices & Components

By tirelessly reinforcing its special strengths in optical technologies over the long term, Minolta intends to make optical devices and components one of its principal business fields. The Company is strengthening its related development and processing capabilities with an eye to the full-scale expansion of products with applications related to digital image projecting. We are also bolstering operations involving glass substrates for hard disks and unique new optical devices.

Three Principal Fields

Drawing on its superior optical technologies, Minolta is emphasizing the development of Opto-Devices and Components business in three principal fields: light display, image inputting and outputting, and semiconductor manufacturing equipment.

Among the Company's light display products are optical systems for liquid crystal display (LCD) projectors and Digital Light Processing™* (DLP™) projectors. The Company distributes products worldwide that meet increasingly demanding market requirements regarding precision, brightness, and compactness.

Image inputting and outputting offerings include optical systems for industrial applications as well as applications involving digital printers and scanners. Minolta is developing

products in this field based on its exclusive mirror scan technology and its unique PLZT devices, which are shutter arrays made from special ceramics that operate much faster than LCD shutter arrays.

Minolta also provides optical systems for steppers and other equipment used in the manufacture and testing of semiconductors. The Company's advanced lens technologies for higher levels of image definition are helping its customers create increasingly fine circuitry.

Minolta has steadily upgraded its optical technologies, such as molding designing, ultraprecision processing, optical grinding, and coating and assembly processes. Using its integrated production capabilities and its exclusive Electrolytic In-process Dressing (ELID) lens grinding method, the Company is undertaking the full-scale launch of a business manufacturing glass substrates for hard disks during the current fiscal year.

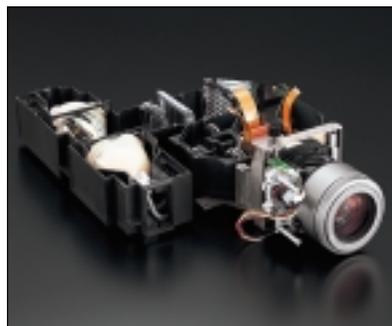
**Digital Light Processing™ (DLP™) is a trademark of U.S.-based Texas Instruments Incorporated.*



By strengthening and building on Minolta's core competencies in the field of optical design, the Opto-Devices and Components business is nurturing businesses that are expected to be principal contributors to the Company's performance during the 21st century. Minolta has tightened its focus on targeted markets and is expanding its business operations in those markets while steadily developing new technologies.



Minolta provides various illumination and projection systems for DLP™ projectors, including these high-precision zoom/non-zoom lenses (XGA/SXGA).



This optical unit with a twin lamp system realizes extremely bright images for LCD projectors.



This high-speed, high-performance printer unit is suitable for industrial use.