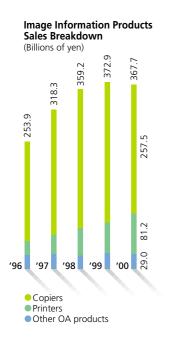


# Industry Segment Report

# G



76.2%

of net sales

CF910



Di350





PagePro4100

Against the backdrop of rapid progress in IT, Minolta is working through its operations in image information and other fields to help office workers perform their intellectual and concrete tasks more efficiently and effectively. For example, the Company supports the productivity and creativity of work with documents by supplying comprehensive image information inputting/outputting systems comprising both hardware and software. The DiALTA series of digital monochrome multifunctional copiers/printers are suited for next-generation offices and enhance customer satisfaction by offering superior performance with regard to image quality, ease of operation, reliability, productivity, connectivity, and environment consciousness. The Company's principal products in the image information segment include the CF series of system-integrated, full-color digital copiers/printers that offer a full range of basic functions and fine-tuning capabilities.

#### TOPICS

▶ Having made short product development periods a principal management objective, Minolta has taken steps to create guicker and more-efficient development programs, such as the controller develop-

Di520

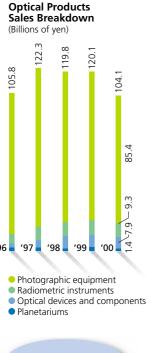
ment program of MINOLTA-QMS and a product development tie-up with Konica.

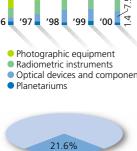
▶ During the fiscal year ended March 31, 2000, Minolta launched its Di521, Di621, and Di400 digital copiers in Japan and thereby further strengthened the DiALTA copier line's responsiveness to demand for low-speed

through high-speed units. In the U.S. market, the Di520, sister machine of the Di521, won the prestigious Digital Imaging System of the Year 1999/2000 award from U.S.-based Buyers Laboratory, Inc.

▶ From April 24, 2000, QMS, Inc., changed its corporate name to MINOLTA-QMS, Inc., and plans call for unifying the naming of MINOLTA-QMS brand printers. The MINOLTA-QMS magicolor 2 DeskLaser captured PC World magazine's Best Buy award and took top spot in that publications' March 2000 Top 10 Printer Review.

#### Ε S Т L E





of net sales

The growing application of digital technologies has expanded the potentials of photography. Minolta has striven to realize these potentials in line with its traditional emphasis on enabling customers to enjoy photography in diverse ways and promoting the development of photographic culture. Drawing on the comprehensive range of optical and user-camera interface technologies developed for its sophisticated camera products, the Company is making use of the latest digital and network technologies to further broaden the scope of customers' photographic activities. To meet digital photography needs, the Company has launched such digital cameras as the Dimâge RD 3000, ideal for professional applications, and the Dimâge 2300, a compact digital camera with 2.3 megapixel picture resolution. The Dimâge Scan Dual II, a scanner for both APS and 35mm film, creates high-quality digital images for commercial applications, while the Dimâge Scan Multi is a high-performance scanner that can handle several film formats.

Among the other principal product lines in this segment are the VECTIS line of APS cameras; the DYNAX series of SLRs, which have been highly evaluated worldwide; and the RIVA series of highperformance 35mm compact cameras.

### TOPICS

- ▶ RIVA ZOOM 150 and Dimâge Scan Elite won top awards from the European Imaging and Sound Association (EISA). EISA is the largest editorial multimedia organization in Europe, with a membership of 40 audio, video, and photo magazines drawn from 19 European countries.
- ▶ The top-of-the-line DYNAX 9 SLR won the Camera Grand Prix '99 award of Japan's Camera Press Club.
- ▶ The VECTIS 2000 was presented with the Best APS Camera award 2000-2001 of the Technical Image Press Association (TIPA), which includes 31 leading photography magazines from 13 European countries.



DYNAX 9

► Minolta's camera manufacturing unit in China, Shanghai Minolta Optical Products Co., Ltd. (SMO), has steadily augmented its design capabilities and will begin independent camera design operations from 2001.



RIVA ZOOM 150



VECTIS 2000



Dimâge RD 3000



Dimâge Scan Elite

# OPTO-DEVICES & COMPONENTS

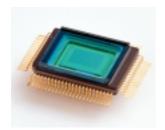
Based on advanced optical technologies accumulated over many years, Minolta has provided diverse opto-devices and components with superior performance and thereby rapidly expanded the scale of its optical systems business. The Company anticipates that its opto-devices and components business will become a principal pillar of its operations during the 21st century. Among Minolta's principal products in this field are LCD and DLP™ projection systems and optical devices for a broad range of business presentation and entertainment applications, including large venue and mobile applications. These products meet increasingly demanding market requirements regarding precision, image resolution, brightness, and compactness. Employing its exclusive mirror scan technology and its extremely rapid PLZT optical shutter arrays, Minolta is developing printers, scanners, and other types of image inputting/outputting equipment that offers greater speed and image resolution. The Company has also begun business involving glass substrates for hard disks by using its considerable optical lens manufacturing know-how.

DLP™ is a trademark of Texas Instruments Incorporated.

#### TOPICS

- ► Minolta has begun manufacturing and marketing glass substrates for hard disks.
- ▶ The Company is developing optical systems for ultraportable projectors that are light and compact. The market for such projectors is expected to grow rapidly.
- ► Minolta's complementary metal-oxide

semiconductor (CMOS) area image sensor has a dynamic range, more than 1,000 times broader than that of conventional image sensors, based on charge coupled devices (CCDs). This dynamic range is achieved by attaching a logarithmic converting circuit (LOG sensor) to each picture element of the sensor. Its many potential applications include artificial eyes and intelligent transport systems.



LOG sensor



High-precision zoom/nonzoom lenses (XGA/SXGA) for DLP™ projectors



Optical unit for LCD projectors



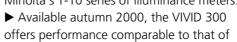
High-performance printer unit

#### Ε S C Ε S Ν 1 G

Expertise in optomechatronics technologies has enabled Minolta to expand its business of providing advanced sensing devices to growth industries, particularly devices for measuring light and color. The Company's products have come to occupy substantial positions in a number of markets, and Minolta is continuing to develop improved products while placing emphasis on precision, operational ease, and compactness. In recent years, the growing use 3D computer-aided design (CAD) systems by manufacturers and 3D computer graphics by the movie industry have spurred rising market needs for 3D digitizers. Minolta has responded to these needs by developing the VIVID 700 non-contact 3D digitizer, which scans and measures the 3D shape of objects in only 0.6 second with a simple camera-like operation. Among other important advanced sensing products are spectrophotometers and chroma meters that offer highly accurate and reliable performance in a wide range of applications involving both solid and liquid samples, rapid and precise spectroradiometers, such display-related measuring instruments as cathode ray tube (CRT) image analyzers, digital illuminance meters for monitoring and adjusting the performance of lighting equipment and for such diverse applications as those related to agriculture and forestry, luminance meters for appraising the intensity of light emitted by objects, spot thermometers that determine an object's temperature through the remote measurement of the object's infrared energy emissions, medical instrument products that provide diagnostic information based on analyses of the body's light-absorption behavior, and photographic meters able to meet professional photographers' needs for measuring light and color with a high level of precision.

### TOPICS

▶ In October 1999, Japan's Ministry of International Trade and Industry (MITI) gave one of its Good Design awards to the compact, lightweight, and easy-to use products in Minolta's T-10 series of illuminance meters.





Illuminance Meter T-10 series

the VIVID 700 at an even more-affordable price and is expected to further expand the use of Minolta's non-contact 3D shape inputting devices in such fields as 3D animation, computer graphics, medicine, dentistry, anatomy, biometrics, and research.



Non-contact 3D Digitizer VIVID 700



SPECTROPHOTOMETER CM-3600d



SPECTRORADIOMETER CS-1000