

Glossary

A

Angiography

Visualisation of blood vessels by injection of an X-ray contrast medium and the subsequent production of rapid series of programmed recordings (angiograms).

AoT

Optical technology training centre.

Asset management

The management of assets with the aim of increasing the value of the company, e.g. by minimising the funds committed in assets.

B

Balloon dilatation

Technique for enlarging stenoses (constrictions) in blood vessels and duct systems with the help of a high-pressure balloon catheter.

Biochip

A substrate material with dimensions in the millimetre range for the examination of compounds of biochemical substances.

Biochip scanner

Optical instrument for analysing compounds of biochemical substances on biochips.

Bio-imaging

Name given to a market segment by LINOS AG; optical, i.e. imaging, analytical procedure in biotechnology.

Biophotonics

All the optical processes that are used in such modern bioscientific processes as high-throughput screening, gene sequencing and the deployment of biochips.

Bio-research

Name given to a market segment by LINOS AG; opto-mechatronic systems for analysing biomolecules and cell constituents for research purposes.

BMBF

German Ministry of Education and Research.

Book-to-bill-ratio

Ratio of orders received to orders billed.

Broadband non-reflecting coating

Surface coating to avoid light reflection in a large wavelength range.

Business unit

Unit in the LINOS AG sales organisation.

C

Cardiology

The branch of internal medicine concerned with the diagnosis and treatment of heart and circulation disorders.

Coating

High-performance optical coating for optical components and systems.

Coating machine

Production machine on which high-performance optical coatings are applied in clean room conditions.

C-shaped unit

Specially designed X-ray diagnostics unit, in which the X-ray source and the image production unit are located at the ends of a C-shaped structure.

D

DAX

German share index.

Defense

Name given to a market segment by LINOS AG; security technology.

Dental technology

Name given to a market segment by LINOS AG; optical processes for dental technology.

Dermatology

Name given to a market segment by LINOS AG; branch of medicine concerned with skin disorders.

DermaGenius

Computer-based image analysis system for diag-

nostics support in the early detection of skin cancer.

Digital printing / digital printing technology

Printing process based on digital data using laser light.

Diode laser

Laser based on semiconductor material.

DVFA

German Association for Financial Analysis and Asset Management (DVFA).

E

EBIT

Earnings before interest and taxes.

EBITA

Earnings before interest, taxes and amortisation.

EBITDA

Earnings before interest, taxes, depreciation and amortisation.

Electro-optical modulator system / electro-optical modulators

Modulation system for laser light based on electro-optical crystals.

Enabling technology

A key technology.

F

Faraday insulators

Component in optical systems.

G

Genetic and protein analysis

Examination of biochemical substances, the genome and the molecules formed from the genes (proteins).

Genome

The total genetic material of an organism.

Genomics

In a similar way to proteomics, genomics aims to

develop a more precise understanding of the connection between genes and illnesses. Genomics focusses particularly on the characterisation and sequencing of the genome.

GRIN lens

Optical lens made from special glass with a varying refractive index (gradient index lens).

H

HALO lens

High-aperture laser lens.

Health Care & Life Sciences

LINOS AG business division.

High-performance fibre-optic lasers

Laser system based on an optical fibre as the laser material.

I

IFRS

International Financial Reporting Standards.

Image enhancement system for X-ray equipment

An optoelectronic system for processing X-ray pictures digitally, on film or with a TV camera.

Industrial Manufacturing

LINOS AG business division.

Information Technology & Communications

LINOS AG business division.

Interferometer

Optical measuring instrument based on light interference.

Intervention

Therapeutic or preventive medical action.

Intraoral camera

Camera for taking pictures intraorally (inside the mouth).

IPO

Initial Public Offering.

K

Key or enabling technologies

Technical know-how that creates the necessary basis for new developments and products in many different market segments and technologies.

L

Lab technology

Name given to a market segment by LINOS AG; technologies for professional photographic laboratories.

Laser

Abbreviation for light amplification by stimulated emission of radiation.

Laser beam expander

Beam expansion system for changing the diameter of the laser beam.

Laser technology / laser material processing

Name given to a market segment by LINOS AG.

Lithotripsy

The shattering of stones (endoscopically, chemically, shock waves applied externally). Process for the non-operative destruction of gall, bladder or kidney stones.

M

Media technology

Name given to a market segment by LINOS AG; the general term used for printing and display technologies.

Medical technology

Name given to a business unit by LINOS AG.

MeVis-C series

Precision lenses with a C-mount connection for CCD cameras.

Microoptic sub-assembly

System consisting of miniaturised optical components.

Microprocessors

Semiconductor components.

Modulation frequency

The frequency that is actually to be transmitted, with which the carrier frequency is modulated in frequency modulation - i.e. the video frequency in image transmission.

Molecular diagnostics

Name given to a market segment by LINOS AG; opto-mechatronic systems for diagnosing clinically relevant changes to DNA, RNA, proteins and metabolic processes.

MRF technology (magnetorheological finishing)

Innovative process for finishing precision optical surfaces.

N

Nanometre

1 millionth of a millimetre.

Nemax Technology Index

Index for technology companies on the Neuer Markt.

NYSE

New York Stock Exchange.

O

OEM

Original equipment manufacturer.

OIDA

Optoelectronics Industrial Development Association.

Opto-mechatronic systems

Systems that consist of a combination of optical, mechanical and electronic components.

P

Phase modulator

Electro-optical modulator for modulating the phase position of a laser beam.

Photography

Name given to a market segment by LINOS AG; photo and camera field.

Photonics

All the optical technologies for the production, amplification, formation, transmission, measurement and utilisation of light.

Positioning systems

Precision mechanical components for positioning objects.

Printing industry

Name given to a market segment by LINOS AG; market segment for high-quality lenses and opto-mechatronic systems for the printing industry.

Print-on-demand

Inexpensive production of recurring documentation by the digital printing process as and when required (generally between 50 and 1,000 copies).

Productronics

Name given to a market segment by LINOS AG; market segment for high-quality lenses and opto-mechatronic systems that are used in the production of electronic components.

Proteomics

In a similar way to genomics, proteomics aims to develop a more precise understanding of the connection between genes and illnesses. Proteomics focusses on the systematic compilation of protein profiles.

R**Rapid prototyping**

Fast production of prototypes.

Real-time PCR (PCR = polymerase chain reaction)

Process with which a single segment of DNA can be induced to replicate millions of times within a few hours, so that a large enough quantity is

obtained for the diagnostic identification of hereditary diseases, cancer cells or viruses.

Real-time thermocycler

Unit for the specific reproduction of DNA.

Research & laboratories

Name given to a market segment by LINOS AG.

RGB range

Red - green - blue range.

S**SIA**

Semiconductor Industry Association.

Sale-and-leaseback agreements

In sale-and-leaseback agreements, property, plant and equipment assets are sold to a lessor and are then leased back from him.

Scanner

Optomechanical system for the spatial control and deflection of laser light.

Semiconductors

Name given to a market segment by LINOS AG; crystalline or amorphous solids (made from an organic substance), the electrical conductivity of which is higher than that of insulators and lower than that of metals.

Shareholders' equity ratio

Indicator in capital structure analysis that represents the proportion of total capital accounted for by shareholders' equity (shareholders' equity divided by the balance sheet total).

Supply network

Comprehensive logistics concept strongly oriented towards the customer.

T**Telecommunications**

Name given to a market segment by LINOS AG.

U**UV range**

Ultraviolet range; short-wave range of the light spectrum.

W**Wafer stepper**

Machine for the production of semiconductor components.

WinLens

Software developed by LINOS for the assessment and calculation of optical systems.

X**X-ray imaging**

Name given to a market segment by LINOS AG; systems for X-ray diagnostics and intervention.