

Ophthalmic Devices: Technologies and Global Markets

Market Research Report | 2023-02-06 | 184 pages | BCC Research

AVAILABLE LICENSES:

- Single User License \$5500.00
- 2-5 Users License \$6600.00
- Site License \$7920.00
- Enterprise License \$9504.00

Report description:

Description

Report Scope:

During the last few years, significant improvements have been made in diagnosing ophthalmic conditions such as glaucoma, macular degeneration, and other retinal disorders. The market has been fueled by favorable reimbursement of ocular devices and surgery in the U.S. and more excellent healthcare insurance coverage in Europe. Advancements in cataract and refractory surgery devices have improved the safety and efficacy of routine procedures, enhanced surgical outcomes, and reduced perioperative morbidity.

The current report provides detailed information about the ophthalmic devices-global market. This report highlights this medical equipment's current and future market potential and a detailed analysis of the market's drivers, challenges, and opportunities. Revenues are broken down by region, type, and application. For market estimates, data has been provided for 2019, 2020, and 2021 (as the base year), 2022, and a forecast for 2027. The report also covers market share for major market players. It includes the company profiles of the major players with detailed information about their business segments, financials, product portfolios, recent developments, and pipeline products. It also provides the impact of the COVID-19 pandemic on this market.

This report on ophthalmic devices provides a brief description of the current status of the industry and recent developments. The report analyzes the market trends and identifies critical medical and geographical challenges and rising opportunities in the developed and developing world. Finally, it will provide insights regarding new developments in ophthalmic and surgical devices that help to improve diagnosis and enhance the treatment of cataracts, glaucoma, and refractory and retinal disorders.

Report Includes:

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 50 data tables and 13 additional tables
- A detailed overview and up-to-date analysis of the global markets for ophthalmic devices and related technologies
- Analyses of the global and regional market trends, with data for 2019-2022, and projections of compound annual growth rates (CAGRs) through 2027
- Discussion of the industry growth driving factors and challenges that will shape the market for ophthalmic devices as a basis for projecting demand over the next few years (2022-2027)
- Estimation of the actual market size and revenue forecast for global ophthalmic devices market in USD millions, and corresponding market share analysis by technology type, application, and region
- Analysis of the recent advances in contact lenses, cataract surgery, implantation ophthalmic devices, and complex medical surgeries; and their potential impact on diagnosis of prevalent eye conditions and improved healthcare solutions
- In-depth information (facts and figures) concerning major market dynamics, technology updates, latest developments, industry regulations, and other macroeconomic forces affecting the present and future market outlook
- Assessment of the recent industry structure, ongoing research activities, analysis of competitive environment, and COVID-19 effects on the ophthalmic devices market ecosystem
- Patent review and analysis of patent grants on ophthalmic device technologies
- Identification of the major stakeholders and analysis of the competitive landscape based on recent developments and segmental revenues
- Descriptive company profiles of the market leading players, including EssilorLuxottica, Alcon, Bausch & Lomb, Carl Zeiss Meditec, CooperVision, Johnson & Johnson, Nidek, Topcon Corp., and Hoya Vision Care

Executive Summary

Summary:

In recent years there have been significant advances in the development of ophthalmic devices and surgical procedures that have helped to improve diagnosis and treatment of a broad range of ophthalmic conditions, including cataracts, glaucoma, refractory and retinal disorders.

The global market for ophthalmology devices reached \$REDACTED billion in 2021. This market is estimated to reach \$REDACTED billion in 2027 up from \$REDACTED billion in 2022 at a compound annual growth rate (CAGR) of REDACTED% from 2022 to 2027. The growth is being driven by the launch of new biocompatible materials, improvements in clinical optics and the launch of high-end surgical devices. Advancements in cataract and refractory surgery devices have also resulted in the improved safety and efficacy of routine procedures, helping to improve surgical outcomes, reduce perioperative morbidity and increase the number of patients willing to undergo surgery.

In 2021, North America represented the largest market of ophthalmology device sales, accounting for REDACTED% of global revenues, followed by Asia-Pacific with REDACTED% and Europe with REDACTED%. The global ophthalmology device market is being driven by patient demographics such as the rising incidence of diabetes and obesity and the increasing geriatric population, which is increasing the number of patients with conditions such as age-related macular degeneration, cataracts, diabetic retinopathy and glaucoma, and helping to expand the addressable patient population in need of ophthalmic devices. In addition, market growth is being aided by growing awareness and early detection and monitoring of ocular disease, the rise in adoption of minimally invasive surgeries in Asia-Pacific, greater healthcare insurance coverage in Europe and positive reimbursement of ocular devices and surgical procedures in the United States.

In 2021, the ophthalmology device market was composed of several segments: vision care contact lenses (REDACTED%), intraocular lenses (IOLs) and other cataract surgery products (REDACTED%), diagnostic and imaging devices (REDACTED%) and other surgery devices (REDACTED%). The market is dominated by a few players: EssilorLuxottica, Alcon, Bausch & Lomb, Carl

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Zeiss Meditec, CooperVision, Johnson & Johnson, Nidek, Topcon Corp. and Hoya Vision Care. Innovative new companies such as EyeKon Medical, Glaukos Corp., Optos and others, are gradually making headway in the market. Within the market, EssilorLuxottica is the dominant player, with its sales accounting for REDACTED% of the entire market.

The contact lens and eyeglasses market accounts for more than half of global sales, generating \$REDACTED billion in 2021. This market is estimated to reach around \$REDACTED billion in 2027 from \$REDACTED billion in 2021 at a CAGR of REDACTED% for 2022 through 2027. The market is dominated by Essilor Luxottica. Growth in this market has been driven by the innovations in eyeglasses and biocompatible materials encompassing silicone hydrogels, hydrogels and newly emerging hybrid materials, all of which are designed to improve contact lens safety and comfort.

Table of Contents:

Table of Contents

Chapter 1 Introduction

1.1 Study Goals and Objectives

1.2 Reasons for Doing This Study

1.3 Scope of Report

1.4 What's New in this Report?

1.5 Research Methodology

1.6 Information Sources

1.7 Geographic Breakdown

1.8 Analyst's Credentials

1.9 BCC Custom Research

1.10 Related BCC Research Reports

Chapter 2 Summary and Highlights

Chapter 3 Market and Eye Conditions

3.1 Addressable Population: Common Eye Conditions

3.1.1 Age-Related Macular Degeneration

3.1.2 Cataracts

3.1.3 Diabetic Retinopathy

3.1.4 Glaucoma

3.1.5 Refractive Disorders

Chapter 4 Market Dynamics

4.1 Factors Affecting Ophthalmic Device Global Market

4.2 Market Drivers

4.2.1 Aging Population with Growing Eye Care Needs

4.2.2 Technological Advancements

4.2.3 Increasing Government Initiatives

4.2.4 Increasing Wealth and Growth from Emerging Economics

4.2.5 Increasing Prevalence of Vision Impairment

4.3 Market Barriers

4.3.1 High Cost and Risk Associated with Eye Surgery

4.3.2 Lack of Skilled Professionals

4.3.3 Accessibility, Acceptability

4.4 Market Opportunities

4.4.1 Growing Aging Population and Rising Demand for Vision Care

4.4.2 Use of Mobile-Based and Artificial Intelligence Technologies

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 4.5 Impact of COVID-19 on Global Market for Ophthalmic Devices
- 4.6 Impact of COVID-19 on Eyes
- Chapter 5 Market Breakdown by Technology Type
 - 5.1 Global Market by Segment
 - 5.1.1 Contact Lenses and Eyeglasses
 - 5.1.2 Cataract Surgery Products
 - 5.1.3 Other Ophthalmic Surgical Devices
 - 5.1.4 Ophthalmology Diagnostic and Imaging
- Chapter 6 Recent Advances in Contact Lenses and Eyeglasses
 - 6.1 Introduction
 - 6.2 Developments in Contact Lens and Eyeglass Materials
 - 6.3 Recent Product Introductions
 - 6.4 Contact Lens and Eyeglass Market Forecast
- Chapter 7 Recent Advances in Cataract Surgery
 - 7.1 Introduction
 - 7.2 Intraocular Lenses
 - 7.3 Cataract Surgery Products
 - 7.3.1 Femtosecond Laser-Assisted Cataract Surgery
 - 7.4 Recent Product Introductions
 - 7.4.1 Femtosecond Lasers
 - 7.5 Cataract Surgery Product Market Forecast
- Chapter 8 Recent Advances in Other Types of Ophthalmic Surgeries
 - 8.1 Introduction to Other Types of Ophthalmic Surgeries
 - 8.1.1 Age-Related Macular Degeneration Surgery Devices
 - 8.1.2 Surgical Devices for Dry Eye Syndrome
 - 8.1.3 Macular Edema Surgery Devices
 - 8.1.4 Glaucoma Surgery Devices
 - 8.1.5 Refractive Surgery
 - 8.1.6 Vitreoretinal Surgery Devices
 - 8.1.7 Other Ophthalmic Surgery Devices and Accessories
 - 8.2 New Product Launches
 - 8.3 Market Forecast for Other Types of Ophthalmic Surgeries
- Chapter 9 Recent Advances in Diagnostics and Imaging Products
 - 9.1 Introduction
 - 9.1.1 Corneal and Anterior Segment Imaging
 - 9.1.2 Retinal Imaging
 - 9.1.3 Angiography
 - 9.2 Recent Product Launches
 - 9.2.1 Diagnostic and Imaging Market Forecast
- Chapter 10 Market Breakdown by Region
 - 10.1 Introduction
 - 10.2 North America
 - 10.2.1 United States
 - 10.2.2 Canada
 - 10.3 Europe
 - 10.3.1 Germany
 - 10.3.2 Russia

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

10.3.3 United Kingdom
10.3.4 France
10.3.5 Italy
10.3.6 Spain
10.3.7 Rest of Europe
10.4 Asia-Pacific
10.4.1 China
10.4.2 India
10.4.3 Japan
10.4.4 Australia
10.4.5 Korea
10.4.6 Rest of Asia-Pacific
10.5 Rest of the World
10.5.1 Market Size and Forecast
Chapter 11 Recent Mergers and Acquisitions in Ophthalmology
11.1 Mergers, Acquisitions, and Collaborations
11.2 Pipeline Products
11.3 Ophthalmic Device Companies: Market Shares
Chapter 12 Company Profiles
ALCON
BAUSCH + LOMB INC.
BIO-TISSUE INC.
COOPERVISION
DUTCH OPHTHALMIC RESEARCH CENTER INTERNATIONAL BV
ELLEXX MEDICAL LASERS
ESSILORLUXOTTICA
EYENUK INC.
GLAUKOS
HEIDELBERG ENGINEERING GMBH
HOYA CORP.
IOPTIMA LTD.
IRIDEX CORP.
JOHNSON & JOHNSON
LENSTEC INC.
LUMENIS
NIDEK CO. LTD.
OASIS MEDICAL INC.
QUANTEL MEDICAL
SAV-IOL SA
SHANGHAI HAOHAI BIOLOGICAL TECHNOLOGY CO. LTD.
SIGHT SCIENCES INC.
SOFTCARE SOLUTION INC.
STAAR SURGICAL
TEARSCIENCE INC.
TOPCON
VASOPTIC MEDICAL INC.
ZEISS GROUP

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

ZIEMER OPHTHALMIC SYSTEMS AG

Chapter 13 Appendix

Acronyms

Sources

Websites

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Ophthalmic Devices: Technologies and Global Markets

Market Research Report | 2023-02-06 | 184 pages | BCC Research

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$5500.00
	2-5 Users License	\$6600.00
	Site License	\$7920.00
	Enterprise License	\$9504.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-06-25"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com
www.scotts-international.com