

Global Near Infrared Narrowband Filter Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Near Infrared Narrowband Filter market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

A near-infrared narrowband filter is an optical component that can selectively transmit or block light in a specific wavelength range. Its narrow-band filtering characteristics allow it to selectively transmit light in a small range of wavelengths in the near-infrared band and block light in other wavelength ranges.

The Global Info Research report includes an overview of the development of the Near Infrared Narrowband Filter industry chain, the market status of Medical Industry (Interference Filter, Spectroscopic Filter), Agriculture (Interference Filter, Spectroscopic Filter), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Near Infrared Narrowband Filter.

Regionally, the report analyzes the Near Infrared Narrowband Filter markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Near Infrared Narrowband Filter market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Near Infrared Narrowband

Filter market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Near Infrared Narrowband Filter industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Sqm), revenue generated, and market share of different by Type (e.g., Interference Filter, Spectroscopic Filter).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Near Infrared Narrowband Filter market.

Regional Analysis: The report involves examining the Near Infrared Narrowband Filter market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Near Infrared Narrowband Filter market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Near Infrared Narrowband Filter:

Company Analysis: Report covers individual Near Infrared Narrowband Filter manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Near Infrared Narrowband Filter This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Medical Industry, Agriculture).

Technology Analysis: Report covers specific technologies relevant to Near Infrared

Narrowband Filter. It assesses the current state, advancements, and potential future developments in Near Infrared Narrowband Filter areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Near Infrared Narrowband Filter market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Near Infrared Narrowband Filter market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Interference Filter

Spectroscopic Filter

Market segment by Application

Medical Industry

Agriculture

Environmental Industry

Others

Major players covered

Andover Corporation

Umicore Electronic Materials

Knight Optical (UK) Ltd

neptec optical solutions

Alluxa

ECOPTIK

FUZHOU RISING ELECTRO OPTICS CO.,LTD.

Shenzhen MemsFrontier Electronics Co., Ltd.

Northumbria Optical Coatings Ltd

Omega Optical, LLC

Edmund Optics Inc.

Chroma Technology Corp.

Optics Balzers AG

Materion Corporation

Iridian Spectral Technologies Ltd

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Near Infrared Narrowband Filter product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Near Infrared Narrowband Filter, with price, sales, revenue and global market share of Near Infrared Narrowband Filter from 2018 to 2023.

Chapter 3, the Near Infrared Narrowband Filter competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Near Infrared Narrowband Filter breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Near Infrared Narrowband Filter market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Near Infrared Narrowband Filter.

Chapter 14 and 15, to describe Near Infrared Narrowband Filter sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Near Infrared Narrowband Filter
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Near Infrared Narrowband Filter Consumption Value by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 Interference Filter
 - 1.3.3 Spectroscopic Filter
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Near Infrared Narrowband Filter Consumption Value by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Medical Industry
 - 1.4.3 Agriculture
 - 1.4.4 Environmental Industry
 - 1.4.5 Others
- 1.5 Global Near Infrared Narrowband Filter Market Size & Forecast
 - 1.5.1 Global Near Infrared Narrowband Filter Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global Near Infrared Narrowband Filter Sales Quantity (2018-2029)
 - 1.5.3 Global Near Infrared Narrowband Filter Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 Andover Corporation
 - 2.1.1 Andover Corporation Details
 - 2.1.2 Andover Corporation Major Business
 - 2.1.3 Andover Corporation Near Infrared Narrowband Filter Product and Services
 - 2.1.4 Andover Corporation Near Infrared Narrowband Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.1.5 Andover Corporation Recent Developments/Updates
- 2.2 Umicore Electronic Materials
 - 2.2.1 Umicore Electronic Materials Details
 - 2.2.2 Umicore Electronic Materials Major Business
 - 2.2.3 Umicore Electronic Materials Near Infrared Narrowband Filter Product and Services
 - 2.2.4 Umicore Electronic Materials Near Infrared Narrowband Filter Sales Quantity,

Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 Umicore Electronic Materials Recent Developments/Updates

2.3 Knight Optical (UK) Ltd

2.3.1 Knight Optical (UK) Ltd Details

2.3.2 Knight Optical (UK) Ltd Major Business

2.3.3 Knight Optical (UK) Ltd Near Infrared Narrowband Filter Product and Services

2.3.4 Knight Optical (UK) Ltd Near Infrared Narrowband Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 Knight Optical (UK) Ltd Recent Developments/Updates

2.4 neptec optical solutions

2.4.1 neptec optical solutions Details

2.4.2 neptec optical solutions Major Business

2.4.3 neptec optical solutions Near Infrared Narrowband Filter Product and Services

2.4.4 neptec optical solutions Near Infrared Narrowband Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 neptec optical solutions Recent Developments/Updates

2.5 Alluxa

2.5.1 Alluxa Details

2.5.2 Alluxa Major Business

2.5.3 Alluxa Near Infrared Narrowband Filter Product and Services

2.5.4 Alluxa Near Infrared Narrowband Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Alluxa Recent Developments/Updates

2.6 ECOPTIK

2.6.1 ECOPTIK Details

2.6.2 ECOPTIK Major Business

2.6.3 ECOPTIK Near Infrared Narrowband Filter Product and Services

2.6.4 ECOPTIK Near Infrared Narrowband Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 ECOPTIK Recent Developments/Updates

2.7 FUZHOU RISING ELECTRO OPTICS CO.,LTD.

2.7.1 FUZHOU RISING ELECTRO OPTICS CO.,LTD. Details

2.7.2 FUZHOU RISING ELECTRO OPTICS CO.,LTD. Major Business

2.7.3 FUZHOU RISING ELECTRO OPTICS CO.,LTD. Near Infrared Narrowband Filter Product and Services

2.7.4 FUZHOU RISING ELECTRO OPTICS CO.,LTD. Near Infrared Narrowband Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 FUZHOU RISING ELECTRO OPTICS CO.,LTD. Recent Developments/Updates

2.8 Shenzhen MemsFrontier Electronics Co., Ltd.

- 2.8.1 Shenzhen MemsFrontier Electronics Co., Ltd. Details
- 2.8.2 Shenzhen MemsFrontier Electronics Co., Ltd. Major Business
- 2.8.3 Shenzhen MemsFrontier Electronics Co., Ltd. Near Infrared Narrowband Filter Product and Services
- 2.8.4 Shenzhen MemsFrontier Electronics Co., Ltd. Near Infrared Narrowband Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.8.5 Shenzhen MemsFrontier Electronics Co., Ltd. Recent Developments/Updates
- 2.9 Northumbria Optical Coatings Ltd
 - 2.9.1 Northumbria Optical Coatings Ltd Details
 - 2.9.2 Northumbria Optical Coatings Ltd Major Business
 - 2.9.3 Northumbria Optical Coatings Ltd Near Infrared Narrowband Filter Product and Services
 - 2.9.4 Northumbria Optical Coatings Ltd Near Infrared Narrowband Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.9.5 Northumbria Optical Coatings Ltd Recent Developments/Updates
- 2.10 Omega Optical, LLC
 - 2.10.1 Omega Optical, LLC Details
 - 2.10.2 Omega Optical, LLC Major Business
 - 2.10.3 Omega Optical, LLC Near Infrared Narrowband Filter Product and Services
 - 2.10.4 Omega Optical, LLC Near Infrared Narrowband Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.10.5 Omega Optical, LLC Recent Developments/Updates
- 2.11 Edmund Optics Inc.
 - 2.11.1 Edmund Optics Inc. Details
 - 2.11.2 Edmund Optics Inc. Major Business
 - 2.11.3 Edmund Optics Inc. Near Infrared Narrowband Filter Product and Services
 - 2.11.4 Edmund Optics Inc. Near Infrared Narrowband Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.11.5 Edmund Optics Inc. Recent Developments/Updates
- 2.12 Chroma Technology Corp.
 - 2.12.1 Chroma Technology Corp. Details
 - 2.12.2 Chroma Technology Corp. Major Business
 - 2.12.3 Chroma Technology Corp. Near Infrared Narrowband Filter Product and Services
 - 2.12.4 Chroma Technology Corp. Near Infrared Narrowband Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.12.5 Chroma Technology Corp. Recent Developments/Updates
- 2.13 Optics Balzers AG
 - 2.13.1 Optics Balzers AG Details

- 2.13.2 Optics Balzers AG Major Business
- 2.13.3 Optics Balzers AG Near Infrared Narrowband Filter Product and Services
- 2.13.4 Optics Balzers AG Near Infrared Narrowband Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.13.5 Optics Balzers AG Recent Developments/Updates
- 2.14 Materion Corporation
 - 2.14.1 Materion Corporation Details
 - 2.14.2 Materion Corporation Major Business
 - 2.14.3 Materion Corporation Near Infrared Narrowband Filter Product and Services
 - 2.14.4 Materion Corporation Near Infrared Narrowband Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.14.5 Materion Corporation Recent Developments/Updates
- 2.15 Iridian Spectral Technologies Ltd
 - 2.15.1 Iridian Spectral Technologies Ltd Details
 - 2.15.2 Iridian Spectral Technologies Ltd Major Business
 - 2.15.3 Iridian Spectral Technologies Ltd Near Infrared Narrowband Filter Product and Services
 - 2.15.4 Iridian Spectral Technologies Ltd Near Infrared Narrowband Filter Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.15.5 Iridian Spectral Technologies Ltd Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: NEAR INFRARED NARROWBAND FILTER BY MANUFACTURER

- 3.1 Global Near Infrared Narrowband Filter Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Near Infrared Narrowband Filter Revenue by Manufacturer (2018-2023)
- 3.3 Global Near Infrared Narrowband Filter Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
 - 3.4.1 Producer Shipments of Near Infrared Narrowband Filter by Manufacturer Revenue (\$MM) and Market Share (%): 2022
 - 3.4.2 Top 3 Near Infrared Narrowband Filter Manufacturer Market Share in 2022
 - 3.4.2 Top 6 Near Infrared Narrowband Filter Manufacturer Market Share in 2022
- 3.5 Near Infrared Narrowband Filter Market: Overall Company Footprint Analysis
 - 3.5.1 Near Infrared Narrowband Filter Market: Region Footprint
 - 3.5.2 Near Infrared Narrowband Filter Market: Company Product Type Footprint
 - 3.5.3 Near Infrared Narrowband Filter Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Near Infrared Narrowband Filter Market Size by Region

4.1.1 Global Near Infrared Narrowband Filter Sales Quantity by Region (2018-2029)

4.1.2 Global Near Infrared Narrowband Filter Consumption Value by Region (2018-2029)

4.1.3 Global Near Infrared Narrowband Filter Average Price by Region (2018-2029)

4.2 North America Near Infrared Narrowband Filter Consumption Value (2018-2029)

4.3 Europe Near Infrared Narrowband Filter Consumption Value (2018-2029)

4.4 Asia-Pacific Near Infrared Narrowband Filter Consumption Value (2018-2029)

4.5 South America Near Infrared Narrowband Filter Consumption Value (2018-2029)

4.6 Middle East and Africa Near Infrared Narrowband Filter Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

5.1 Global Near Infrared Narrowband Filter Sales Quantity by Type (2018-2029)

5.2 Global Near Infrared Narrowband Filter Consumption Value by Type (2018-2029)

5.3 Global Near Infrared Narrowband Filter Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Near Infrared Narrowband Filter Sales Quantity by Application (2018-2029)

6.2 Global Near Infrared Narrowband Filter Consumption Value by Application (2018-2029)

6.3 Global Near Infrared Narrowband Filter Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Near Infrared Narrowband Filter Sales Quantity by Type (2018-2029)

7.2 North America Near Infrared Narrowband Filter Sales Quantity by Application (2018-2029)

7.3 North America Near Infrared Narrowband Filter Market Size by Country

7.3.1 North America Near Infrared Narrowband Filter Sales Quantity by Country (2018-2029)

7.3.2 North America Near Infrared Narrowband Filter Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe Near Infrared Narrowband Filter Sales Quantity by Type (2018-2029)

8.2 Europe Near Infrared Narrowband Filter Sales Quantity by Application (2018-2029)

8.3 Europe Near Infrared Narrowband Filter Market Size by Country

8.3.1 Europe Near Infrared Narrowband Filter Sales Quantity by Country (2018-2029)

8.3.2 Europe Near Infrared Narrowband Filter Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific Near Infrared Narrowband Filter Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Near Infrared Narrowband Filter Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Near Infrared Narrowband Filter Market Size by Region

9.3.1 Asia-Pacific Near Infrared Narrowband Filter Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Near Infrared Narrowband Filter Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America Near Infrared Narrowband Filter Sales Quantity by Type (2018-2029)

10.2 South America Near Infrared Narrowband Filter Sales Quantity by Application (2018-2029)

10.3 South America Near Infrared Narrowband Filter Market Size by Country

10.3.1 South America Near Infrared Narrowband Filter Sales Quantity by Country (2018-2029)

10.3.2 South America Near Infrared Narrowband Filter Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Near Infrared Narrowband Filter Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Near Infrared Narrowband Filter Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Near Infrared Narrowband Filter Market Size by Country

11.3.1 Middle East & Africa Near Infrared Narrowband Filter Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Near Infrared Narrowband Filter Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 Near Infrared Narrowband Filter Market Drivers

12.2 Near Infrared Narrowband Filter Market Restraints

12.3 Near Infrared Narrowband Filter Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Near Infrared Narrowband Filter and Key Manufacturers

13.2 Manufacturing Costs Percentage of Near Infrared Narrowband Filter

13.3 Near Infrared Narrowband Filter Production Process

13.4 Near Infrared Narrowband Filter Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Near Infrared Narrowband Filter Typical Distributors

14.3 Near Infrared Narrowband Filter Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Near Infrared Narrowband Filter Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Near Infrared Narrowband Filter Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Andover Corporation Basic Information, Manufacturing Base and Competitors

Table 4. Andover Corporation Major Business

Table 5. Andover Corporation Near Infrared Narrowband Filter Product and Services

Table 6. Andover Corporation Near Infrared Narrowband Filter Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Andover Corporation Recent Developments/Updates

Table 8. Umicore Electronic Materials Basic Information, Manufacturing Base and Competitors

Table 9. Umicore Electronic Materials Major Business

Table 10. Umicore Electronic Materials Near Infrared Narrowband Filter Product and Services

Table 11. Umicore Electronic Materials Near Infrared Narrowband Filter Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Umicore Electronic Materials Recent Developments/Updates

Table 13. Knight Optical (UK) Ltd Basic Information, Manufacturing Base and Competitors

Table 14. Knight Optical (UK) Ltd Major Business

Table 15. Knight Optical (UK) Ltd Near Infrared Narrowband Filter Product and Services

Table 16. Knight Optical (UK) Ltd Near Infrared Narrowband Filter Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Knight Optical (UK) Ltd Recent Developments/Updates

Table 18. neptec optical solutions Basic Information, Manufacturing Base and Competitors

Table 19. neptec optical solutions Major Business

Table 20. neptec optical solutions Near Infrared Narrowband Filter Product and Services

Table 21. neptec optical solutions Near Infrared Narrowband Filter Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market

Share (2018-2023)

Table 22. neptec optical solutions Recent Developments/Updates

Table 23. Alluxa Basic Information, Manufacturing Base and Competitors

Table 24. Alluxa Major Business

Table 25. Alluxa Near Infrared Narrowband Filter Product and Services

Table 26. Alluxa Near Infrared Narrowband Filter Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Alluxa Recent Developments/Updates

Table 28. ECOPTIK Basic Information, Manufacturing Base and Competitors

Table 29. ECOPTIK Major Business

Table 30. ECOPTIK Near Infrared Narrowband Filter Product and Services

Table 31. ECOPTIK Near Infrared Narrowband Filter Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. ECOPTIK Recent Developments/Updates

Table 33. FUZHOU RISING ELECTRO OPTICS CO.,LTD. Basic Information, Manufacturing Base and Competitors

Table 34. FUZHOU RISING ELECTRO OPTICS CO.,LTD. Major Business

Table 35. FUZHOU RISING ELECTRO OPTICS CO.,LTD. Near Infrared Narrowband Filter Product and Services

Table 36. FUZHOU RISING ELECTRO OPTICS CO.,LTD. Near Infrared Narrowband Filter Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. FUZHOU RISING ELECTRO OPTICS CO.,LTD. Recent Developments/Updates

Table 38. Shenzhen MemsFrontier Electronics Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 39. Shenzhen MemsFrontier Electronics Co., Ltd. Major Business

Table 40. Shenzhen MemsFrontier Electronics Co., Ltd. Near Infrared Narrowband Filter Product and Services

Table 41. Shenzhen MemsFrontier Electronics Co., Ltd. Near Infrared Narrowband Filter Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Shenzhen MemsFrontier Electronics Co., Ltd. Recent Developments/Updates

Table 43. Northumbria Optical Coatings Ltd Basic Information, Manufacturing Base and Competitors

Table 44. Northumbria Optical Coatings Ltd Major Business

Table 45. Northumbria Optical Coatings Ltd Near Infrared Narrowband Filter Product and Services

Table 46. Northumbria Optical Coatings Ltd Near Infrared Narrowband Filter Sales

Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Northumbria Optical Coatings Ltd Recent Developments/Updates

Table 48. Omega Optical, LLC Basic Information, Manufacturing Base and Competitors

Table 49. Omega Optical, LLC Major Business

Table 50. Omega Optical, LLC Near Infrared Narrowband Filter Product and Services

Table 51. Omega Optical, LLC Near Infrared Narrowband Filter Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. Omega Optical, LLC Recent Developments/Updates

Table 53. Edmund Optics Inc. Basic Information, Manufacturing Base and Competitors

Table 54. Edmund Optics Inc. Major Business

Table 55. Edmund Optics Inc. Near Infrared Narrowband Filter Product and Services

Table 56. Edmund Optics Inc. Near Infrared Narrowband Filter Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Edmund Optics Inc. Recent Developments/Updates

Table 58. Chroma Technology Corp. Basic Information, Manufacturing Base and Competitors

Table 59. Chroma Technology Corp. Major Business

Table 60. Chroma Technology Corp. Near Infrared Narrowband Filter Product and Services

Table 61. Chroma Technology Corp. Near Infrared Narrowband Filter Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Chroma Technology Corp. Recent Developments/Updates

Table 63. Optics Balzers AG Basic Information, Manufacturing Base and Competitors

Table 64. Optics Balzers AG Major Business

Table 65. Optics Balzers AG Near Infrared Narrowband Filter Product and Services

Table 66. Optics Balzers AG Near Infrared Narrowband Filter Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Optics Balzers AG Recent Developments/Updates

Table 68. Materion Corporation Basic Information, Manufacturing Base and Competitors

Table 69. Materion Corporation Major Business

Table 70. Materion Corporation Near Infrared Narrowband Filter Product and Services

Table 71. Materion Corporation Near Infrared Narrowband Filter Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Materion Corporation Recent Developments/Updates

Table 73. Iridian Spectral Technologies Ltd Basic Information, Manufacturing Base and Competitors

Table 74. Iridian Spectral Technologies Ltd Major Business

Table 75. Iridian Spectral Technologies Ltd Near Infrared Narrowband Filter Product and Services

Table 76. Iridian Spectral Technologies Ltd Near Infrared Narrowband Filter Sales Quantity (K Sqm), Average Price (US\$/Sqm), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Iridian Spectral Technologies Ltd Recent Developments/Updates

Table 78. Global Near Infrared Narrowband Filter Sales Quantity by Manufacturer (2018-2023) & (K Sqm)

Table 79. Global Near Infrared Narrowband Filter Revenue by Manufacturer (2018-2023) & (USD Million)

Table 80. Global Near Infrared Narrowband Filter Average Price by Manufacturer (2018-2023) & (US\$/Sqm)

Table 81. Market Position of Manufacturers in Near Infrared Narrowband Filter, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 82. Head Office and Near Infrared Narrowband Filter Production Site of Key Manufacturer

Table 83. Near Infrared Narrowband Filter Market: Company Product Type Footprint

Table 84. Near Infrared Narrowband Filter Market: Company Product Application Footprint

Table 85. Near Infrared Narrowband Filter New Market Entrants and Barriers to Market Entry

Table 86. Near Infrared Narrowband Filter Mergers, Acquisition, Agreements, and Collaborations

Table 87. Global Near Infrared Narrowband Filter Sales Quantity by Region (2018-2023) & (K Sqm)

Table 88. Global Near Infrared Narrowband Filter Sales Quantity by Region (2024-2029) & (K Sqm)

Table 89. Global Near Infrared Narrowband Filter Consumption Value by Region (2018-2023) & (USD Million)

Table 90. Global Near Infrared Narrowband Filter Consumption Value by Region (2024-2029) & (USD Million)

Table 91. Global Near Infrared Narrowband Filter Average Price by Region (2018-2023) & (US\$/Sqm)

Table 92. Global Near Infrared Narrowband Filter Average Price by Region (2024-2029) & (US\$/Sqm)

Table 93. Global Near Infrared Narrowband Filter Sales Quantity by Type (2018-2023) & (K Sqm)

Table 94. Global Near Infrared Narrowband Filter Sales Quantity by Type (2024-2029) & (K Sqm)

Table 95. Global Near Infrared Narrowband Filter Consumption Value by Type (2018-2023) & (USD Million)

Table 96. Global Near Infrared Narrowband Filter Consumption Value by Type (2024-2029) & (USD Million)

Table 97. Global Near Infrared Narrowband Filter Average Price by Type (2018-2023) & (US\$/Sqm)

Table 98. Global Near Infrared Narrowband Filter Average Price by Type (2024-2029) & (US\$/Sqm)

Table 99. Global Near Infrared Narrowband Filter Sales Quantity by Application (2018-2023) & (K Sqm)

Table 100. Global Near Infrared Narrowband Filter Sales Quantity by Application (2024-2029) & (K Sqm)

Table 101. Global Near Infrared Narrowband Filter Consumption Value by Application (2018-2023) & (USD Million)

Table 102. Global Near Infrared Narrowband Filter Consumption Value by Application (2024-2029) & (USD Million)

Table 103. Global Near Infrared Narrowband Filter Average Price by Application (2018-2023) & (US\$/Sqm)

Table 104. Global Near Infrared Narrowband Filter Average Price by Application (2024-2029) & (US\$/Sqm)

Table 105. North America Near Infrared Narrowband Filter Sales Quantity by Type (2018-2023) & (K Sqm)

Table 106. North America Near Infrared Narrowband Filter Sales Quantity by Type (2024-2029) & (K Sqm)

Table 107. North America Near Infrared Narrowband Filter Sales Quantity by Application (2018-2023) & (K Sqm)

Table 108. North America Near Infrared Narrowband Filter Sales Quantity by Application (2024-2029) & (K Sqm)

Table 109. North America Near Infrared Narrowband Filter Sales Quantity by Country (2018-2023) & (K Sqm)

Table 110. North America Near Infrared Narrowband Filter Sales Quantity by Country (2024-2029) & (K Sqm)

Table 111. North America Near Infrared Narrowband Filter Consumption Value by Country (2018-2023) & (USD Million)

Table 112. North America Near Infrared Narrowband Filter Consumption Value by

Country (2024-2029) & (USD Million)

Table 113. Europe Near Infrared Narrowband Filter Sales Quantity by Type (2018-2023) & (K Sqm)

Table 114. Europe Near Infrared Narrowband Filter Sales Quantity by Type (2024-2029) & (K Sqm)

Table 115. Europe Near Infrared Narrowband Filter Sales Quantity by Application (2018-2023) & (K Sqm)

Table 116. Europe Near Infrared Narrowband Filter Sales Quantity by Application (2024-2029) & (K Sqm)

Table 117. Europe Near Infrared Narrowband Filter Sales Quantity by Country (2018-2023) & (K Sqm)

Table 118. Europe Near Infrared Narrowband Filter Sales Quantity by Country (2024-2029) & (K Sqm)

Table 119. Europe Near Infrared Narrowband Filter Consumption Value by Country (2018-2023) & (USD Million)

Table 120. Europe Near Infrared Narrowband Filter Consumption Value by Country (2024-2029) & (USD Million)

Table 121. Asia-Pacific Near Infrared Narrowband Filter Sales Quantity by Type (2018-2023) & (K Sqm)

Table 122. Asia-Pacific Near Infrared Narrowband Filter Sales Quantity by Type (2024-2029) & (K Sqm)

Table 123. Asia-Pacific Near Infrared Narrowband Filter Sales Quantity by Application (2018-2023) & (K Sqm)

Table 124. Asia-Pacific Near Infrared Narrowband Filter Sales Quantity by Application (2024-2029) & (K Sqm)

Table 125. Asia-Pacific Near Infrared Narrowband Filter Sales Quantity by Region (2018-2023) & (K Sqm)

Table 126. Asia-Pacific Near Infrared Narrowband Filter Sales Quantity by Region (2024-2029) & (K Sqm)

Table 127. Asia-Pacific Near Infrared Narrowband Filter Consumption Value by Region (2018-2023) & (USD Million)

Table 128. Asia-Pacific Near Infrared Narrowband Filter Consumption Value by Region (2024-2029) & (USD Million)

Table 129. South America Near Infrared Narrowband Filter Sales Quantity by Type (2018-2023) & (K Sqm)

Table 130. South America Near Infrared Narrowband Filter Sales Quantity by Type (2024-2029) & (K Sqm)

Table 131. South America Near Infrared Narrowband Filter Sales Quantity by Application (2018-2023) & (K Sqm)

- Table 132. South America Near Infrared Narrowband Filter Sales Quantity by Application (2024-2029) & (K Sqm)
- Table 133. South America Near Infrared Narrowband Filter Sales Quantity by Country (2018-2023) & (K Sqm)
- Table 134. South America Near Infrared Narrowband Filter Sales Quantity by Country (2024-2029) & (K Sqm)
- Table 135. South America Near Infrared Narrowband Filter Consumption Value by Country (2018-2023) & (USD Million)
- Table 136. South America Near Infrared Narrowband Filter Consumption Value by Country (2024-2029) & (USD Million)
- Table 137. Middle East & Africa Near Infrared Narrowband Filter Sales Quantity by Type (2018-2023) & (K Sqm)
- Table 138. Middle East & Africa Near Infrared Narrowband Filter Sales Quantity by Type (2024-2029) & (K Sqm)
- Table 139. Middle East & Africa Near Infrared Narrowband Filter Sales Quantity by Application (2018-2023) & (K Sqm)
- Table 140. Middle East & Africa Near Infrared Narrowband Filter Sales Quantity by Application (2024-2029) & (K Sqm)
- Table 141. Middle East & Africa Near Infrared Narrowband Filter Sales Quantity by Region (2018-2023) & (K Sqm)
- Table 142. Middle East & Africa Near Infrared Narrowband Filter Sales Quantity by Region (2024-2029) & (K Sqm)
- Table 143. Middle East & Africa Near Infrared Narrowband Filter Consumption Value by Region (2018-2023) & (USD Million)
- Table 144. Middle East & Africa Near Infrared Narrowband Filter Consumption Value by Region (2024-2029) & (USD Million)
- Table 145. Near Infrared Narrowband Filter Raw Material
- Table 146. Key Manufacturers of Near Infrared Narrowband Filter Raw Materials
- Table 147. Near Infrared Narrowband Filter Typical Distributors
- Table 148. Near Infrared Narrowband Filter Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Near Infrared Narrowband Filter Picture

Figure 2. Global Near Infrared Narrowband Filter Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Near Infrared Narrowband Filter Consumption Value Market Share by Type in 2022

Figure 4. Interference Filter Examples

Figure 5. Spectroscopic Filter Examples

Figure 6. Global Near Infrared Narrowband Filter Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 7. Global Near Infrared Narrowband Filter Consumption Value Market Share by Application in 2022

Figure 8. Medical Industry Examples

Figure 9. Agriculture Examples

Figure 10. Environmental Industry Examples

Figure 11. Others Examples

Figure 12. Global Near Infrared Narrowband Filter Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 13. Global Near Infrared Narrowband Filter Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 14. Global Near Infrared Narrowband Filter Sales Quantity (2018-2029) & (K Sqm)

Figure 15. Global Near Infrared Narrowband Filter Average Price (2018-2029) & (US\$/Sqm)

Figure 16. Global Near Infrared Narrowband Filter Sales Quantity Market Share by Manufacturer in 2022

Figure 17. Global Near Infrared Narrowband Filter Consumption Value Market Share by Manufacturer in 2022

Figure 18. Producer Shipments of Near Infrared Narrowband Filter by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 19. Top 3 Near Infrared Narrowband Filter Manufacturer (Consumption Value) Market Share in 2022

Figure 20. Top 6 Near Infrared Narrowband Filter Manufacturer (Consumption Value) Market Share in 2022

Figure 21. Global Near Infrared Narrowband Filter Sales Quantity Market Share by Region (2018-2029)

Figure 22. Global Near Infrared Narrowband Filter Consumption Value Market Share by Region (2018-2029)

Figure 23. North America Near Infrared Narrowband Filter Consumption Value (2018-2029) & (USD Million)

Figure 24. Europe Near Infrared Narrowband Filter Consumption Value (2018-2029) & (USD Million)

Figure 25. Asia-Pacific Near Infrared Narrowband Filter Consumption Value (2018-2029) & (USD Million)

Figure 26. South America Near Infrared Narrowband Filter Consumption Value (2018-2029) & (USD Million)

Figure 27. Middle East & Africa Near Infrared Narrowband Filter Consumption Value (2018-2029) & (USD Million)

Figure 28. Global Near Infrared Narrowband Filter Sales Quantity Market Share by Type (2018-2029)

Figure 29. Global Near Infrared Narrowband Filter Consumption Value Market Share by Type (2018-2029)

Figure 30. Global Near Infrared Narrowband Filter Average Price by Type (2018-2029) & (US\$/Sqm)

Figure 31. Global Near Infrared Narrowband Filter Sales Quantity Market Share by Application (2018-2029)

Figure 32. Global Near Infrared Narrowband Filter Consumption Value Market Share by Application (2018-2029)

Figure 33. Global Near Infrared Narrowband Filter Average Price by Application (2018-2029) & (US\$/Sqm)

Figure 34. North America Near Infrared Narrowband Filter Sales Quantity Market Share by Type (2018-2029)

Figure 35. North America Near Infrared Narrowband Filter Sales Quantity Market Share by Application (2018-2029)

Figure 36. North America Near Infrared Narrowband Filter Sales Quantity Market Share by Country (2018-2029)

Figure 37. North America Near Infrared Narrowband Filter Consumption Value Market Share by Country (2018-2029)

Figure 38. United States Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Canada Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Mexico Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Europe Near Infrared Narrowband Filter Sales Quantity Market Share by

Type (2018-2029)

Figure 42. Europe Near Infrared Narrowband Filter Sales Quantity Market Share by Application (2018-2029)

Figure 43. Europe Near Infrared Narrowband Filter Sales Quantity Market Share by Country (2018-2029)

Figure 44. Europe Near Infrared Narrowband Filter Consumption Value Market Share by Country (2018-2029)

Figure 45. Germany Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. France Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. United Kingdom Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Russia Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Italy Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Asia-Pacific Near Infrared Narrowband Filter Sales Quantity Market Share by Type (2018-2029)

Figure 51. Asia-Pacific Near Infrared Narrowband Filter Sales Quantity Market Share by Application (2018-2029)

Figure 52. Asia-Pacific Near Infrared Narrowband Filter Sales Quantity Market Share by Region (2018-2029)

Figure 53. Asia-Pacific Near Infrared Narrowband Filter Consumption Value Market Share by Region (2018-2029)

Figure 54. China Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Japan Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Korea Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. India Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Southeast Asia Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Australia Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. South America Near Infrared Narrowband Filter Sales Quantity Market Share by Type (2018-2029)

Figure 61. South America Near Infrared Narrowband Filter Sales Quantity Market Share by Application (2018-2029)

Figure 62. South America Near Infrared Narrowband Filter Sales Quantity Market Share by Country (2018-2029)

Figure 63. South America Near Infrared Narrowband Filter Consumption Value Market Share by Country (2018-2029)

Figure 64. Brazil Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. Argentina Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Middle East & Africa Near Infrared Narrowband Filter Sales Quantity Market Share by Type (2018-2029)

Figure 67. Middle East & Africa Near Infrared Narrowband Filter Sales Quantity Market Share by Application (2018-2029)

Figure 68. Middle East & Africa Near Infrared Narrowband Filter Sales Quantity Market Share by Region (2018-2029)

Figure 69. Middle East & Africa Near Infrared Narrowband Filter Consumption Value Market Share by Region (2018-2029)

Figure 70. Turkey Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Egypt Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Saudi Arabia Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. South Africa Near Infrared Narrowband Filter Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Near Infrared Narrowband Filter Market Drivers

Figure 75. Near Infrared Narrowband Filter Market Restraints

Figure 76. Near Infrared Narrowband Filter Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Near Infrared Narrowband Filter in 2022

Figure 79. Manufacturing Process Analysis of Near Infrared Narrowband Filter

Figure 80. Near Infrared Narrowband Filter Industrial Chain

Figure 81. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

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