

2023-2028 Global and Regional Waveplates Industry Status and Prospects Professional Market Research Report Standard Version

<https://marketpublishers.com/r/2C4A1EA03883EN.html>

Date: June 2023

Pages: 168

Price: US\$ 3,500.00 (Single User License)

ID: 2C4A1EA03883EN

Abstracts

The global Waveplates market is expected to reach US\$ XX Million by 2028, with a CAGR of XX% from 2023 to 2028, based on HNY Research newly published report. The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

By Market Vendors:

Edmund Optics

Knight Optical

Kogakugiken

Thorlabs

Inrad Optics

Tower Optical Corporation

Bolder Vision Optik

Meadowlark Optics

ALPHALAS

Lasertec

Medway Optics

CVI Laser Optics

Rainbow Research Optics

By Types:

Quarter Waveplates (QWP)

Half Waveplates (HWP)

By Applications:

Ultraviolet (UV) Wavelength Ranges

Visible (VIS) Wavelength Ranges

Infrared (IR) Wavelength Ranges

Key Indicators Analysed

Market Players & Competitor Analysis: The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2017-2028 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

Global and Regional Market Analysis: The report includes Global & Regional market status and outlook 2017-2028. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

Market Trends: Market key trends which include Increased Competition and Continuous Innovations.

Opportunities and Drivers: Identifying the Growing Demands and New Technology

Porters Five Force Analysis: The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements.

Contents

CHAPTER 1 INDUSTRY OVERVIEW

- 1.1 Definition
- 1.2 Assumptions
- 1.3 Research Scope
- 1.4 Market Analysis by Regions
 - 1.4.1 North America Market States and Outlook (2023-2028)
 - 1.4.2 East Asia Market States and Outlook (2023-2028)
 - 1.4.3 Europe Market States and Outlook (2023-2028)
 - 1.4.4 South Asia Market States and Outlook (2023-2028)
 - 1.4.5 Southeast Asia Market States and Outlook (2023-2028)
 - 1.4.6 Middle East Market States and Outlook (2023-2028)
 - 1.4.7 Africa Market States and Outlook (2023-2028)
 - 1.4.8 Oceania Market States and Outlook (2023-2028)
 - 1.4.9 South America Market States and Outlook (2023-2028)
- 1.5 Global Waveplates Market Size Analysis from 2023 to 2028
 - 1.5.1 Global Waveplates Market Size Analysis from 2023 to 2028 by Consumption Volume
 - 1.5.2 Global Waveplates Market Size Analysis from 2023 to 2028 by Value
 - 1.5.3 Global Waveplates Price Trends Analysis from 2023 to 2028
- 1.6 COVID-19 Outbreak: Waveplates Industry Impact

CHAPTER 2 GLOBAL WAVEPLATES COMPETITION BY TYPES, APPLICATIONS, AND TOP REGIONS AND COUNTRIES

- 2.1 Global Waveplates (Volume and Value) by Type
 - 2.1.1 Global Waveplates Consumption and Market Share by Type (2017-2022)
 - 2.1.2 Global Waveplates Revenue and Market Share by Type (2017-2022)
- 2.2 Global Waveplates (Volume and Value) by Application
 - 2.2.1 Global Waveplates Consumption and Market Share by Application (2017-2022)
 - 2.2.2 Global Waveplates Revenue and Market Share by Application (2017-2022)
- 2.3 Global Waveplates (Volume and Value) by Regions
 - 2.3.1 Global Waveplates Consumption and Market Share by Regions (2017-2022)
 - 2.3.2 Global Waveplates Revenue and Market Share by Regions (2017-2022)

CHAPTER 3 PRODUCTION MARKET ANALYSIS

3.1 Global Production Market Analysis

3.1.1 2017-2022 Global Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin Analysis

3.1.2 2017-2022 Major Manufacturers Performance and Market Share

3.2 Regional Production Market Analysis

3.2.1 2017-2022 Regional Market Performance and Market Share

3.2.2 North America Market

3.2.3 East Asia Market

3.2.4 Europe Market

3.2.5 South Asia Market

3.2.6 Southeast Asia Market

3.2.7 Middle East Market

3.2.8 Africa Market

3.2.9 Oceania Market

3.2.10 South America Market

3.2.11 Rest of the World Market

CHAPTER 4 GLOBAL WAVEPLATES SALES, CONSUMPTION, EXPORT, IMPORT BY REGIONS (2017-2022)

4.1 Global Waveplates Consumption by Regions (2017-2022)

4.2 North America Waveplates Sales, Consumption, Export, Import (2017-2022)

4.3 East Asia Waveplates Sales, Consumption, Export, Import (2017-2022)

4.4 Europe Waveplates Sales, Consumption, Export, Import (2017-2022)

4.5 South Asia Waveplates Sales, Consumption, Export, Import (2017-2022)

4.6 Southeast Asia Waveplates Sales, Consumption, Export, Import (2017-2022)

4.7 Middle East Waveplates Sales, Consumption, Export, Import (2017-2022)

4.8 Africa Waveplates Sales, Consumption, Export, Import (2017-2022)

4.9 Oceania Waveplates Sales, Consumption, Export, Import (2017-2022)

4.10 South America Waveplates Sales, Consumption, Export, Import (2017-2022)

CHAPTER 5 NORTH AMERICA WAVEPLATES MARKET ANALYSIS

5.1 North America Waveplates Consumption and Value Analysis

5.1.1 North America Waveplates Market Under COVID-19

5.2 North America Waveplates Consumption Volume by Types

5.3 North America Waveplates Consumption Structure by Application

5.4 North America Waveplates Consumption by Top Countries

5.4.1 United States Waveplates Consumption Volume from 2017 to 2022

5.4.2 Canada Waveplates Consumption Volume from 2017 to 2022

5.4.3 Mexico Waveplates Consumption Volume from 2017 to 2022

CHAPTER 6 EAST ASIA WAVEPLATES MARKET ANALYSIS

6.1 East Asia Waveplates Consumption and Value Analysis

6.1.1 East Asia Waveplates Market Under COVID-19

6.2 East Asia Waveplates Consumption Volume by Types

6.3 East Asia Waveplates Consumption Structure by Application

6.4 East Asia Waveplates Consumption by Top Countries

6.4.1 China Waveplates Consumption Volume from 2017 to 2022

6.4.2 Japan Waveplates Consumption Volume from 2017 to 2022

6.4.3 South Korea Waveplates Consumption Volume from 2017 to 2022

CHAPTER 7 EUROPE WAVEPLATES MARKET ANALYSIS

7.1 Europe Waveplates Consumption and Value Analysis

7.1.1 Europe Waveplates Market Under COVID-19

7.2 Europe Waveplates Consumption Volume by Types

7.3 Europe Waveplates Consumption Structure by Application

7.4 Europe Waveplates Consumption by Top Countries

7.4.1 Germany Waveplates Consumption Volume from 2017 to 2022

7.4.2 UK Waveplates Consumption Volume from 2017 to 2022

7.4.3 France Waveplates Consumption Volume from 2017 to 2022

7.4.4 Italy Waveplates Consumption Volume from 2017 to 2022

7.4.5 Russia Waveplates Consumption Volume from 2017 to 2022

7.4.6 Spain Waveplates Consumption Volume from 2017 to 2022

7.4.7 Netherlands Waveplates Consumption Volume from 2017 to 2022

7.4.8 Switzerland Waveplates Consumption Volume from 2017 to 2022

7.4.9 Poland Waveplates Consumption Volume from 2017 to 2022

CHAPTER 8 SOUTH ASIA WAVEPLATES MARKET ANALYSIS

8.1 South Asia Waveplates Consumption and Value Analysis

8.1.1 South Asia Waveplates Market Under COVID-19

8.2 South Asia Waveplates Consumption Volume by Types

8.3 South Asia Waveplates Consumption Structure by Application

8.4 South Asia Waveplates Consumption by Top Countries

8.4.1 India Waveplates Consumption Volume from 2017 to 2022

8.4.2 Pakistan Waveplates Consumption Volume from 2017 to 2022

8.4.3 Bangladesh Waveplates Consumption Volume from 2017 to 2022

CHAPTER 9 SOUTHEAST ASIA WAVEPLATES MARKET ANALYSIS

9.1 Southeast Asia Waveplates Consumption and Value Analysis

9.1.1 Southeast Asia Waveplates Market Under COVID-19

9.2 Southeast Asia Waveplates Consumption Volume by Types

9.3 Southeast Asia Waveplates Consumption Structure by Application

9.4 Southeast Asia Waveplates Consumption by Top Countries

9.4.1 Indonesia Waveplates Consumption Volume from 2017 to 2022

9.4.2 Thailand Waveplates Consumption Volume from 2017 to 2022

9.4.3 Singapore Waveplates Consumption Volume from 2017 to 2022

9.4.4 Malaysia Waveplates Consumption Volume from 2017 to 2022

9.4.5 Philippines Waveplates Consumption Volume from 2017 to 2022

9.4.6 Vietnam Waveplates Consumption Volume from 2017 to 2022

9.4.7 Myanmar Waveplates Consumption Volume from 2017 to 2022

CHAPTER 10 MIDDLE EAST WAVEPLATES MARKET ANALYSIS

10.1 Middle East Waveplates Consumption and Value Analysis

10.1.1 Middle East Waveplates Market Under COVID-19

10.2 Middle East Waveplates Consumption Volume by Types

10.3 Middle East Waveplates Consumption Structure by Application

10.4 Middle East Waveplates Consumption by Top Countries

10.4.1 Turkey Waveplates Consumption Volume from 2017 to 2022

10.4.2 Saudi Arabia Waveplates Consumption Volume from 2017 to 2022

10.4.3 Iran Waveplates Consumption Volume from 2017 to 2022

10.4.4 United Arab Emirates Waveplates Consumption Volume from 2017 to 2022

10.4.5 Israel Waveplates Consumption Volume from 2017 to 2022

10.4.6 Iraq Waveplates Consumption Volume from 2017 to 2022

10.4.7 Qatar Waveplates Consumption Volume from 2017 to 2022

10.4.8 Kuwait Waveplates Consumption Volume from 2017 to 2022

10.4.9 Oman Waveplates Consumption Volume from 2017 to 2022

CHAPTER 11 AFRICA WAVEPLATES MARKET ANALYSIS

11.1 Africa Waveplates Consumption and Value Analysis

11.1.1 Africa Waveplates Market Under COVID-19

- 11.2 Africa Waveplates Consumption Volume by Types
- 11.3 Africa Waveplates Consumption Structure by Application
- 11.4 Africa Waveplates Consumption by Top Countries
 - 11.4.1 Nigeria Waveplates Consumption Volume from 2017 to 2022
 - 11.4.2 South Africa Waveplates Consumption Volume from 2017 to 2022
 - 11.4.3 Egypt Waveplates Consumption Volume from 2017 to 2022
 - 11.4.4 Algeria Waveplates Consumption Volume from 2017 to 2022
 - 11.4.5 Morocco Waveplates Consumption Volume from 2017 to 2022

CHAPTER 12 OCEANIA WAVEPLATES MARKET ANALYSIS

- 12.1 Oceania Waveplates Consumption and Value Analysis
- 12.2 Oceania Waveplates Consumption Volume by Types
- 12.3 Oceania Waveplates Consumption Structure by Application
- 12.4 Oceania Waveplates Consumption by Top Countries
 - 12.4.1 Australia Waveplates Consumption Volume from 2017 to 2022
 - 12.4.2 New Zealand Waveplates Consumption Volume from 2017 to 2022

CHAPTER 13 SOUTH AMERICA WAVEPLATES MARKET ANALYSIS

- 13.1 South America Waveplates Consumption and Value Analysis
 - 13.1.1 South America Waveplates Market Under COVID-19
- 13.2 South America Waveplates Consumption Volume by Types
- 13.3 South America Waveplates Consumption Structure by Application
- 13.4 South America Waveplates Consumption Volume by Major Countries
 - 13.4.1 Brazil Waveplates Consumption Volume from 2017 to 2022
 - 13.4.2 Argentina Waveplates Consumption Volume from 2017 to 2022
 - 13.4.3 Columbia Waveplates Consumption Volume from 2017 to 2022
 - 13.4.4 Chile Waveplates Consumption Volume from 2017 to 2022
 - 13.4.5 Venezuela Waveplates Consumption Volume from 2017 to 2022
 - 13.4.6 Peru Waveplates Consumption Volume from 2017 to 2022
 - 13.4.7 Puerto Rico Waveplates Consumption Volume from 2017 to 2022
 - 13.4.8 Ecuador Waveplates Consumption Volume from 2017 to 2022

CHAPTER 14 COMPANY PROFILES AND KEY FIGURES IN WAVEPLATES BUSINESS

- 14.1 Edmund Optics
 - 14.1.1 Edmund Optics Company Profile

- 14.1.2 Edmund Optics Waveplates Product Specification
- 14.1.3 Edmund Optics Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)
- 14.2 Knight Optical
 - 14.2.1 Knight Optical Company Profile
 - 14.2.2 Knight Optical Waveplates Product Specification
 - 14.2.3 Knight Optical Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)
- 14.3 Kogakugiken
 - 14.3.1 Kogakugiken Company Profile
 - 14.3.2 Kogakugiken Waveplates Product Specification
 - 14.3.3 Kogakugiken Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)
- 14.4 Thorlabs
 - 14.4.1 Thorlabs Company Profile
 - 14.4.2 Thorlabs Waveplates Product Specification
 - 14.4.3 Thorlabs Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)
- 14.5 Inrad Optics
 - 14.5.1 Inrad Optics Company Profile
 - 14.5.2 Inrad Optics Waveplates Product Specification
 - 14.5.3 Inrad Optics Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)
- 14.6 Tower Optical Corporation
 - 14.6.1 Tower Optical Corporation Company Profile
 - 14.6.2 Tower Optical Corporation Waveplates Product Specification
 - 14.6.3 Tower Optical Corporation Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)
- 14.7 Bolder Vision Optik
 - 14.7.1 Bolder Vision Optik Company Profile
 - 14.7.2 Bolder Vision Optik Waveplates Product Specification
 - 14.7.3 Bolder Vision Optik Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)
- 14.8 Meadowlark Optics
 - 14.8.1 Meadowlark Optics Company Profile
 - 14.8.2 Meadowlark Optics Waveplates Product Specification
 - 14.8.3 Meadowlark Optics Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)
- 14.9 ALPHALAS

- 14.9.1 ALPHALAS Company Profile
- 14.9.2 ALPHALAS Waveplates Product Specification
- 14.9.3 ALPHALAS Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)
- 14.10 Lasertec
 - 14.10.1 Lasertec Company Profile
 - 14.10.2 Lasertec Waveplates Product Specification
 - 14.10.3 Lasertec Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)
- 14.11 Medway Optics
 - 14.11.1 Medway Optics Company Profile
 - 14.11.2 Medway Optics Waveplates Product Specification
 - 14.11.3 Medway Optics Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)
- 14.12 CVI Laser Optics
 - 14.12.1 CVI Laser Optics Company Profile
 - 14.12.2 CVI Laser Optics Waveplates Product Specification
 - 14.12.3 CVI Laser Optics Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)
- 14.13 Rainbow Research Optics
 - 14.13.1 Rainbow Research Optics Company Profile
 - 14.13.2 Rainbow Research Optics Waveplates Product Specification
 - 14.13.3 Rainbow Research Optics Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)

CHAPTER 15 GLOBAL WAVEPLATES MARKET FORECAST (2023-2028)

- 15.1 Global Waveplates Consumption Volume, Revenue and Price Forecast (2023-2028)
 - 15.1.1 Global Waveplates Consumption Volume and Growth Rate Forecast (2023-2028)
 - 15.1.2 Global Waveplates Value and Growth Rate Forecast (2023-2028)
- 15.2 Global Waveplates Consumption Volume, Value and Growth Rate Forecast by Region (2023-2028)
 - 15.2.1 Global Waveplates Consumption Volume and Growth Rate Forecast by Regions (2023-2028)
 - 15.2.2 Global Waveplates Value and Growth Rate Forecast by Regions (2023-2028)
 - 15.2.3 North America Waveplates Consumption Volume, Revenue and Growth Rate Forecast (2023-2028)

15.2.4 East Asia Waveplates Consumption Volume, Revenue and Growth Rate Forecast (2023-2028)

15.2.5 Europe Waveplates Consumption Volume, Revenue and Growth Rate Forecast (2023-2028)

15.2.6 South Asia Waveplates Consumption Volume, Revenue and Growth Rate Forecast (2023-2028)

15.2.7 Southeast Asia Waveplates Consumption Volume, Revenue and Growth Rate Forecast (2023-2028)

15.2.8 Middle East Waveplates Consumption Volume, Revenue and Growth Rate Forecast (2023-2028)

15.2.9 Africa Waveplates Consumption Volume, Revenue and Growth Rate Forecast (2023-2028)

15.2.10 Oceania Waveplates Consumption Volume, Revenue and Growth Rate Forecast (2023-2028)

15.2.11 South America Waveplates Consumption Volume, Revenue and Growth Rate Forecast (2023-2028)

15.3 Global Waveplates Consumption Volume, Revenue and Price Forecast by Type (2023-2028)

15.3.1 Global Waveplates Consumption Forecast by Type (2023-2028)

15.3.2 Global Waveplates Revenue Forecast by Type (2023-2028)

15.3.3 Global Waveplates Price Forecast by Type (2023-2028)

15.4 Global Waveplates Consumption Volume Forecast by Application (2023-2028)

15.5 Waveplates Market Forecast Under COVID-19

CHAPTER 16 CONCLUSIONS

Research Methodology

List Of Tables

LIST OF TABLES AND FIGURES

Figure Product Picture

Figure North America Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure United States Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Canada Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Mexico Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure East Asia Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure China Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Japan Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure South Korea Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Europe Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Germany Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure UK Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure France Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Italy Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Russia Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Spain Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Netherlands Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Switzerland Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Poland Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure South Asia Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure India Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Pakistan Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Bangladesh Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Southeast Asia Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Indonesia Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Thailand Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Singapore Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Malaysia Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Philippines Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Vietnam Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Myanmar Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Middle East Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Turkey Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Saudi Arabia Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Iran Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure United Arab Emirates Waveplates Revenue (\$) and Growth Rate (2023-2028)

Figure Israel Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Iraq Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Qatar Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Kuwait Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Oman Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Africa Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Nigeria Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure South Africa Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Egypt Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Algeria Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Algeria Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Oceania Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Australia Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure New Zealand Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure South America Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Brazil Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Argentina Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Columbia Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Chile Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Venezuela Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Peru Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Puerto Rico Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Ecuador Waveplates Revenue (\$) and Growth Rate (2023-2028)
Figure Global Waveplates Market Size Analysis from 2023 to 2028 by Consumption Volume
Figure Global Waveplates Market Size Analysis from 2023 to 2028 by Value
Table Global Waveplates Price Trends Analysis from 2023 to 2028
Table Global Waveplates Consumption and Market Share by Type (2017-2022)
Table Global Waveplates Revenue and Market Share by Type (2017-2022)
Table Global Waveplates Consumption and Market Share by Application (2017-2022)
Table Global Waveplates Revenue and Market Share by Application (2017-2022)
Table Global Waveplates Consumption and Market Share by Regions (2017-2022)
Table Global Waveplates Revenue and Market Share by Regions (2017-2022)
Table 2017-2022 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin
Figure 2017-2022 Capacity, Production and Growth Rate
Figure 2017-2022 Revenue, Gross Margin and Growth Rate
Table 2017-2022 Major Manufacturers Capacity and Total Capacity
Table 2017-2022 Major Manufacturers Capacity Market Share

Table 2017-2022 Major Manufacturers Production and Total Production
Table 2017-2022 Major Manufacturers Production Market Share
Table 2017-2022 Major Manufacturers Revenue and Total Revenue
Table 2017-2022 Major Manufacturers Revenue Market Share
Table 2017-2022 Regional Market Capacity and Market Share
Table 2017-2022 Regional Market Production and Market Share
Table 2017-2022 Regional Market Revenue and Market Share
Table 2017-2022 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin
Figure 2017-2022 Capacity, Production and Growth Rate
Figure 2017-2022 Revenue, Gross Margin and Growth Rate
Table 2017-2022 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin
Figure 2017-2022 Capacity, Production and Growth Rate
Figure 2017-2022 Revenue, Gross Margin and Growth Rate
Table 2017-2022 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin
Figure 2017-2022 Capacity, Production and Growth Rate
Figure 2017-2022 Revenue, Gross Margin and Growth Rate
Table 2017-2022 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin
Figure 2017-2022 Capacity, Production and Growth Rate
Figure 2017-2022 Revenue, Gross Margin and Growth Rate
Table 2017-2022 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin
Figure 2017-2022 Capacity, Production and Growth Rate
Figure 2017-2022 Revenue, Gross Margin and Growth Rate
Table 2017-2022 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin
Figure 2017-2022 Capacity, Production and Growth Rate
Figure 2017-2022 Revenue, Gross Margin and Growth Rate
Table 2017-2022 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin
Figure 2017-2022 Capacity, Production and Growth Rate
Figure 2017-2022 Revenue, Gross Margin and Growth Rate
Table 2017-2022 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin
Figure 2017-2022 Capacity, Production and Growth Rate
Figure 2017-2022 Revenue, Gross Margin and Growth Rate

Table 2017-2022 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin

Figure 2017-2022 Capacity, Production and Growth Rate

Figure 2017-2022 Revenue, Gross Margin and Growth Rate

Table 2017-2022 Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin

Figure 2017-2022 Capacity, Production and Growth Rate

Figure 2017-2022 Revenue, Gross Margin and Growth Rate

Table Global Waveplates Consumption by Regions (2017-2022)

Figure Global Waveplates Consumption Share by Regions (2017-2022)

Table North America Waveplates Sales, Consumption, Export, Import (2017-2022)

Table East Asia Waveplates Sales, Consumption, Export, Import (2017-2022)

Table Europe Waveplates Sales, Consumption, Export, Import (2017-2022)

Table South Asia Waveplates Sales, Consumption, Export, Import (2017-2022)

Table Southeast Asia Waveplates Sales, Consumption, Export, Import (2017-2022)

Table Middle East Waveplates Sales, Consumption, Export, Import (2017-2022)

Table Africa Waveplates Sales, Consumption, Export, Import (2017-2022)

Table Oceania Waveplates Sales, Consumption, Export, Import (2017-2022)

Table South America Waveplates Sales, Consumption, Export, Import (2017-2022)

Figure North America Waveplates Consumption and Growth Rate (2017-2022)

Figure North America Waveplates Revenue and Growth Rate (2017-2022)

Table North America Waveplates Sales Price Analysis (2017-2022)

Table North America Waveplates Consumption Volume by Types

Table North America Waveplates Consumption Structure by Application

Table North America Waveplates Consumption by Top Countries

Figure United States Waveplates Consumption Volume from 2017 to 2022

Figure Canada Waveplates Consumption Volume from 2017 to 2022

Figure Mexico Waveplates Consumption Volume from 2017 to 2022

Figure East Asia Waveplates Consumption and Growth Rate (2017-2022)

Figure East Asia Waveplates Revenue and Growth Rate (2017-2022)

Table East Asia Waveplates Sales Price Analysis (2017-2022)

Table East Asia Waveplates Consumption Volume by Types

Table East Asia Waveplates Consumption Structure by Application

Table East Asia Waveplates Consumption by Top Countries

Figure China Waveplates Consumption Volume from 2017 to 2022

Figure Japan Waveplates Consumption Volume from 2017 to 2022

Figure South Korea Waveplates Consumption Volume from 2017 to 2022

Figure Europe Waveplates Consumption and Growth Rate (2017-2022)

Figure Europe Waveplates Revenue and Growth Rate (2017-2022)

Table Europe Waveplates Sales Price Analysis (2017-2022)
Table Europe Waveplates Consumption Volume by Types
Table Europe Waveplates Consumption Structure by Application
Table Europe Waveplates Consumption by Top Countries
Figure Germany Waveplates Consumption Volume from 2017 to 2022
Figure UK Waveplates Consumption Volume from 2017 to 2022
Figure France Waveplates Consumption Volume from 2017 to 2022
Figure Italy Waveplates Consumption Volume from 2017 to 2022
Figure Russia Waveplates Consumption Volume from 2017 to 2022
Figure Spain Waveplates Consumption Volume from 2017 to 2022
Figure Netherlands Waveplates Consumption Volume from 2017 to 2022
Figure Switzerland Waveplates Consumption Volume from 2017 to 2022
Figure Poland Waveplates Consumption Volume from 2017 to 2022
Figure South Asia Waveplates Consumption and Growth Rate (2017-2022)
Figure South Asia Waveplates Revenue and Growth Rate (2017-2022)
Table South Asia Waveplates Sales Price Analysis (2017-2022)
Table South Asia Waveplates Consumption Volume by Types
Table South Asia Waveplates Consumption Structure by Application
Table South Asia Waveplates Consumption by Top Countries
Figure India Waveplates Consumption Volume from 2017 to 2022
Figure Pakistan Waveplates Consumption Volume from 2017 to 2022
Figure Bangladesh Waveplates Consumption Volume from 2017 to 2022
Figure Southeast Asia Waveplates Consumption and Growth Rate (2017-2022)
Figure Southeast Asia Waveplates Revenue and Growth Rate (2017-2022)
Table Southeast Asia Waveplates Sales Price Analysis (2017-2022)
Table Southeast Asia Waveplates Consumption Volume by Types
Table Southeast Asia Waveplates Consumption Structure by Application
Table Southeast Asia Waveplates Consumption by Top Countries
Figure Indonesia Waveplates Consumption Volume from 2017 to 2022
Figure Thailand Waveplates Consumption Volume from 2017 to 2022
Figure Singapore Waveplates Consumption Volume from 2017 to 2022
Figure Malaysia Waveplates Consumption Volume from 2017 to 2022
Figure Philippines Waveplates Consumption Volume from 2017 to 2022
Figure Vietnam Waveplates Consumption Volume from 2017 to 2022
Figure Myanmar Waveplates Consumption Volume from 2017 to 2022
Figure Middle East Waveplates Consumption and Growth Rate (2017-2022)
Figure Middle East Waveplates Revenue and Growth Rate (2017-2022)
Table Middle East Waveplates Sales Price Analysis (2017-2022)
Table Middle East Waveplates Consumption Volume by Types

Table Middle East Waveplates Consumption Structure by Application
Table Middle East Waveplates Consumption by Top Countries
Figure Turkey Waveplates Consumption Volume from 2017 to 2022
Figure Saudi Arabia Waveplates Consumption Volume from 2017 to 2022
Figure Iran Waveplates Consumption Volume from 2017 to 2022
Figure United Arab Emirates Waveplates Consumption Volume from 2017 to 2022
Figure Israel Waveplates Consumption Volume from 2017 to 2022
Figure Iraq Waveplates Consumption Volume from 2017 to 2022
Figure Qatar Waveplates Consumption Volume from 2017 to 2022
Figure Kuwait Waveplates Consumption Volume from 2017 to 2022
Figure Oman Waveplates Consumption Volume from 2017 to 2022
Figure Africa Waveplates Consumption and Growth Rate (2017-2022)
Figure Africa Waveplates Revenue and Growth Rate (2017-2022)
Table Africa Waveplates Sales Price Analysis (2017-2022)
Table Africa Waveplates Consumption Volume by Types
Table Africa Waveplates Consumption Structure by Application
Table Africa Waveplates Consumption by Top Countries
Figure Nigeria Waveplates Consumption Volume from 2017 to 2022
Figure South Africa Waveplates Consumption Volume from 2017 to 2022
Figure Egypt Waveplates Consumption Volume from 2017 to 2022
Figure Algeria Waveplates Consumption Volume from 2017 to 2022
Figure Algeria Waveplates Consumption Volume from 2017 to 2022
Figure Oceania Waveplates Consumption and Growth Rate (2017-2022)
Figure Oceania Waveplates Revenue and Growth Rate (2017-2022)
Table Oceania Waveplates Sales Price Analysis (2017-2022)
Table Oceania Waveplates Consumption Volume by Types
Table Oceania Waveplates Consumption Structure by Application
Table Oceania Waveplates Consumption by Top Countries
Figure Australia Waveplates Consumption Volume from 2017 to 2022
Figure New Zealand Waveplates Consumption Volume from 2017 to 2022
Figure South America Waveplates Consumption and Growth Rate (2017-2022)
Figure South America Waveplates Revenue and Growth Rate (2017-2022)
Table South America Waveplates Sales Price Analysis (2017-2022)
Table South America Waveplates Consumption Volume by Types
Table South America Waveplates Consumption Structure by Application
Table South America Waveplates Consumption Volume by Major Countries
Figure Brazil Waveplates Consumption Volume from 2017 to 2022
Figure Argentina Waveplates Consumption Volume from 2017 to 2022
Figure Columbia Waveplates Consumption Volume from 2017 to 2022

Figure Chile Waveplates Consumption Volume from 2017 to 2022

Figure Venezuela Waveplates Consumption Volume from 2017 to 2022

Figure Peru Waveplates Consumption Volume from 2017 to 2022

Figure Puerto Rico Waveplates Consumption Volume from 2017 to 2022

Figure Ecuador Waveplates Consumption Volume from 2017 to 2022

Edmund Optics Waveplates Product Specification

Edmund Optics Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)

Knight Optical Waveplates Product Specification

Knight Optical Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)

Kogakugiken Waveplates Product Specification

Kogakugiken Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)

Thorlabs Waveplates Product Specification

Table Thorlabs Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)

Inrad Optics Waveplates Product Specification

Inrad Optics Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)

Tower Optical Corporation Waveplates Product Specification

Tower Optical Corporation Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)

Bolder Vision Optik Waveplates Product Specification

Bolder Vision Optik Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)

Meadowlark Optics Waveplates Product Specification

Meadowlark Optics Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)

ALPHALAS Waveplates Product Specification

ALPHALAS Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)

Lasertec Waveplates Product Specification

Lasertec Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)

Medway Optics Waveplates Product Specification

Medway Optics Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)

CVI Laser Optics Waveplates Product Specification

CVI Laser Optics Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)

Rainbow Research Optics Waveplates Product Specification

Rainbow Research Optics Waveplates Production Capacity, Revenue, Price and Gross Margin (2017-2022)

Figure Global Waveplates Consumption Volume and Growth Rate Forecast (2023-2028)

Figure Global Waveplates Value and Growth Rate Forecast (2023-2028)

Table Global Waveplates Consumption Volume Forecast by Regions (2023-2028)

Table Global Waveplates Value Forecast by Regions (2023-2028)

Figure North America Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure North America Waveplates Value and Growth Rate Forecast (2023-2028)

Figure United States Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure United States Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Canada Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Canada Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Mexico Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Mexico Waveplates Value and Growth Rate Forecast (2023-2028)

Figure East Asia Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure East Asia Waveplates Value and Growth Rate Forecast (2023-2028)

Figure China Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure China Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Japan Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Japan Waveplates Value and Growth Rate Forecast (2023-2028)

Figure South Korea Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure South Korea Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Europe Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Europe Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Germany Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Germany Waveplates Value and Growth Rate Forecast (2023-2028)

Figure UK Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure UK Waveplates Value and Growth Rate Forecast (2023-2028)

Figure France Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure France Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Italy Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Italy Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Russia Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Russia Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Spain Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Spain Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Netherlands Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Netherlands Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Swizerland Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Swizerland Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Poland Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Poland Waveplates Value and Growth Rate Forecast (2023-2028)
Figure South Asia Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure South Asia a Waveplates Value and Growth Rate Forecast (2023-2028)
Figure India Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure India Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Pakistan Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Pakistan Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Bangladesh Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Bangladesh Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Southeast Asia Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Southeast Asia Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Indonesia Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Indonesia Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Thailand Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Thailand Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Singapore Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Singapore Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Malaysia Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Malaysia Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Philippines Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Philippines Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Vietnam Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Vietnam Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Myanmar Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Myanmar Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Middle East Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Middle East Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Turkey Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Turkey Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Saudi Arabia Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Saudi Arabia Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Iran Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Iran Waveplates Value and Growth Rate Forecast (2023-2028)

Figure United Arab Emirates Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure United Arab Emirates Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Israel Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Israel Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Iraq Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Iraq Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Qatar Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Qatar Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Kuwait Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Kuwait Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Oman Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Oman Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Africa Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Africa Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Nigeria Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Nigeria Waveplates Value and Growth Rate Forecast (2023-2028)

Figure South Africa Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure South Africa Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Egypt Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Egypt Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Algeria Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Algeria Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Morocco Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Morocco Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Oceania Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Oceania Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Australia Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Australia Waveplates Value and Growth Rate Forecast (2023-2028)

Figure New Zealand Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure New Zealand Waveplates Value and Growth Rate Forecast (2023-2028)

Figure South America Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure South America Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Brazil Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Brazil Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Argentina Waveplates Consumption and Growth Rate Forecast (2023-2028)

Figure Argentina Waveplates Value and Growth Rate Forecast (2023-2028)

Figure Columbia Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Columbia Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Chile Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Chile Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Venezuela Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Venezuela Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Peru Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Peru Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Puerto Rico Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Puerto Rico Waveplates Value and Growth Rate Forecast (2023-2028)
Figure Ecuador Waveplates Consumption and Growth Rate Forecast (2023-2028)
Figure Ecuador Waveplates Value and Growth Rate Forecast (2023-2028)
Table Global Waveplates Consumption Forecast by Type (2023-2028)
Table Global Waveplates Revenue Forecast by Type (2023-2028)
Figure Global Waveplates Price Forecast by Type (2023-2028)
Table Global Waveplates Consumption Volume Forecast by Application (2023-2028)

I would like to order

Product name: 2023-2028 Global and Regional Waveplates Industry Status and Prospects Professional Market Research Report Standard Version

Product link: <https://marketpublishers.com/r/2C4A1EA03883EN.html>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/2C4A1EA03883EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

