

Directed-energy and Military Lasers: Global Markets

<https://marketpublishers.com/r/DD2ACD4BFDEEN.html>

Date: October 2017

Pages: 112

Price: US\$ 1,250.00 (Single User License)

ID: DD2ACD4BFDEEN

Abstracts

The global market for directed-energy and military lasers totaled \$6.6 billion in 2016. The market should total \$7.4 billion in 2017 and \$12.3 billion in 2022, increasing at a compound annual growth rate (CAGR) of 10.7% from 2017 to 2022.

The application of directed-energy and military lasers in the field of defense totaled \$2.6 billion in 2016. The market should total \$2.8 billion in 2017 and \$4.9 billion in 2022, increasing at a CAGR of 11.5% from 2017 to 2022.

The application of directed-energy and military lasers in the medical field totaled \$1.2 billion in 2016. The market should total \$1.4 billion in 2017 and \$2.3 billion in 2022, increasing at a CAGR of 11.6% from 2017 to 2022.

Contents

CHAPTER 1: INTRODUCTION

Study Goals and Objectives
Reasons for Doing This Study
Scope of Report
Information Sources
Methodology
Geographic Breakdown
Analyst's Credentials
Related BCC Research Reports

CHAPTER 2: SUMMARY AND HIGHLIGHTS

CHAPTER 3: MARKET AND TECHNOLOGY BACKGROUND

Market Definition
Roadmap of Laser
Current Trends and Future Outlook
Demand for Accuracy and Precision
Lucrative opportunities in the untapped markets of Africa and South America
Military Modernization Programs
Missile Defense Initiatives Undertaken by Various Countries
Future Outlook and Expectations

CHAPTER 4: MARKET BREAKDOWN BY TYPE

Gas Lasers
Chemical Lasers
Excimer Lasers
Fiber Lasers
Solid State Lasers
Others

CHAPTER 5: MARKET BREAKDOWN BY TECHNOLOGY

Laser Altimeter
Laser Range Finder

LIDAR

Laser Weapon Technology (Directed-energy)

Others

CHAPTER 6: MARKET BREAKDOWN BY APPLICATION

Industrial

Defense

Research

Medical

Others

CHAPTER 7: MARKET BREAKDOWN BY REGION

North America

Europe

Asia-Pacific

Rest of the World

CHAPTER 8: PATENT REVIEW

Major Patents

Military laser target board apparatus

Directed Fragmentation Weapon

Weapon and Weapon System Employing the Same

Airborne laser Weapon System

Dispersed Space Based Laser Weapon

Dispersed Space Based Laser Weapon and Power Generator

Directed-energy System and Weapon System

Energiewirksystem und Waffensystem

Laserbasierter Waffensimulator und Verfahren zum energiesparenden Betreiben eines laserbasierten Waffensimulators

Laser-Based Weapon Simulator Comprising a Laser Assembly

Patent Review by Year

Patent Review by Region

CHAPTER 9: MARKET SHARE ANALYSIS

Company Market Share Analysis

CHAPTER 10: COMPANY PROFILES

Appendix

Competition

Substitutes

Supplier Influence

Buyer Influence

About BCC Research

About BCC Research

BCC Membership

BCC Custom Research

List Of Tables

LIST OF TABLES

Summary Table: Global Market for Directed-energy and Military Lasers, by Application, Through 2022 (\$ Millions)

Table 1 Key Trends in Directed-energy and Military Laser Market

Table 2 Global Market Share for Directed-energy and Military Lasers, by Type, 2016 (%)

Table 3 Global Market for Gas Lasers, by Application, Through 2022 (\$ Millions)

Table 4 Global Market for Gas Lasers, by Region, Through 2022 (\$ Millions)

Table 5 Global Market for Chemical Lasers, by Application, Through 2022 (\$ Millions)

Table 6 Global Market for Chemical Lasers, by Region, Through 2022 (\$ Millions)

Table 7 Global Market for Excimer Lasers, by Application, Through 2022 (\$ Millions)

Table 8 Global Market for Excimer Lasers, by Region, Through 2022 (\$ Millions)

Table 9 Global Market for Fiber Lasers, by Application, Through 2022 (\$ Millions)

Table 10 Global Market for Fiber Lasers, by Region, Through 2022 (\$ Millions)

Table 11 Global Market for Solid State Lasers, by Application, Through 2022 (\$ Millions)

Table 12 Global Market for Solid-State Lasers, by Region, Through 2022 (\$ Millions)

Table 13 Global Market for Other Lasers, by Application, Through 2022 (\$ Millions)

Table 14 Global Market for Other Lasers, by Region, Through 2022 (\$ Millions)

Table 15 Global Market Share for Directed-energy and Military Lasers, by Technology, 2016 (%)

Table 16 Global Market for Laser Altimeters, by Application, Through 2022 (\$ Millions)

Table 17 Global Market for Laser Altimeters, by Region, Through 2022 (\$ Millions)

Table 18 Global Market for Laser Range Finders, by Application, Through 2022 (\$ Millions)

Table 19 Global Market for Laser Range Finders, by Region, Through 2022 (\$ Millions)

Table 20 Global Market for LIDAR, by Application, Through 2022 (\$ Millions)

Table 21 Global Market for LIDAR, by Region, Through 2022 (\$ Millions)

Table 22 Global Market for Laser Weapons (Directed-energy), by Technology, Through 2022 (\$ Millions)

Table 23 Global Market for Laser Weapon Technology (Directed-energy), by Application, Through 2022 (\$ Millions)

Table 24 Global Market for Laser Weapon Technology (Directed-energy), by Region, Through 2022 (\$ Millions)

Table 25 Global Market for Others, by Application, Through 2022 (\$ Millions)

Table 26 Global Market for Others, by Region, Through 2022 (\$ Millions)

Table 27 Global Market Share for Directed-energy and Military Lasers, by Application,

2016 (%)

Table 28 Global Market for Directed-energy and Military Lasers in Industrial Applications, by Type, Through 2022 (\$ Millions)

Table 29 Global Market for Directed-energy and Military Lasers in Industrial Applications, by Region, Through 2022 (\$ Millions)

Table 30 Global Market for Directed-energy and Military Lasers in Defense Applications, by Platform, Through 2022 (\$ Millions)

Table 31 Global Market for Directed-energy and Military Lasers in Defense Applications, by Weapon Type, Through 2022 (\$ Millions)

Table 32 Global Market for Directed-energy and Military Lasers in Defense Applications, by Type, Through 2022 (\$ Millions)

Table 33 Global Market for Directed-energy and Military Lasers in Industrial Applications, by Region, Through 2022 (\$ Millions)

Table 34 Global Market for Directed-energy and Military Lasers in Research Applications, by Type, Through 2022 (\$ Millions)

Table 35 Global Market for Directed-energy and Military Lasers in Research Applications, by Region, Through 2022 (\$ Millions)

Table 36 Global Market for Directed-energy and Military Lasers in Medical Applications, by Type, Through 2022 (\$ Millions)

Table 37 Global Market for Directed-energy and Military Lasers in Medical Applications, by Region, Through 2022 (\$ Millions)

Table 38 Global Market for Directed-energy and Military Lasers in Other Applications, by Type, Through 2022 (\$ Millions)

Table 39 Global Market for Directed-energy and Military Lasers in Other Applications, by Region, Through 2022 (\$ Millions)

Table 40 Global Market Share for Directed-energy and Military Lasers, by Region, 2017 (%)

Table 41 North American Market for Directed-energy and Military Lasers, by Type, Through 2022 (\$ Millions)

Table 42 North American Market for Directed-energy and Military Lasers, by Application, Through 2022 (\$ Millions)

Table 43 North American Market for Directed-energy and Military Lasers in Defense, by Platform Type, Through 2022 (\$ Millions)

Table 44 North American Market for Directed-energy and Military Lasers in Defense, by Lethality, Through 2022 (\$ Millions)

Table 45 North American Market for Directed-energy and Military Lasers, by Technology, Through 2022 (\$ Millions)

Table 46 North American Market for Directed-energy and Military Laser Weapons, by Technology, Through 2022 (\$ Millions)

Table 47 North American Market for Directed-energy and Military Lasers, by End-use, Through 2022 (\$ Millions)

Table 48 North American Market for Directed-energy and Military Lasers, by Country, Through 2022 (\$ Millions)

Table 49 European Market for Directed-energy and Military Lasers, by Type, Through 2022 (\$ Millions)

Table 50 European Market for Directed-energy and Military Lasers, by Application, Through 2022 (\$ Millions)

Table 51 European Market for Directed-energy and Military Lasers in Defense, by Platform Type, Through 2022 (\$ Millions)

Table 52 European Market for Directed-energy and Military Lasers in Defense, by Lethality, Through 2022 (\$ Millions)

Table 53 European Market for Directed-energy and Military Lasers, by Technology, Through 2022 (\$ Millions)

Table 54 European Market for Directed-energy and Military Laser Weapons, by Technology, Through 2022 (\$ Millions)

Table 55 European Market for Directed-energy and Military Lasers, by End Use, Through 2022 (\$ Millions)

Table 56 European Market for Directed-energy and Military Lasers, by Country, Through 2022 (\$ Millions)

Table 57 Asia-Pacific Market for Directed-energy and Military Lasers, by Type, Through 2022 (\$ Millions)

Table 58 Asia-Pacific Market for Directed-energy and Military Lasers, by Application, Through 2022 (\$ Millions)

Table 59 Asia-Pacific Market for Directed-energy and Military Lasers in Defense, by Platform Type, Through 2022 (\$ Millions)

Table 60 Asia-Pacific Market for Directed-energy and Military Lasers in Defense, by Lethality, Through 2022 (\$ Millions)

Table 61 Asia-Pacific Market for Directed-energy and Military Lasers, by Technology, Through 2022 (\$ Millions)

Table 62 Asia-Pacific Market for Directed-energy and Military Laser Weapons, by Technology, Through 2022 (\$ Millions)

Table 63 Asia-Pacific Market for Directed-energy and Military Lasers, by End Use, Through 2022 (\$ Millions)

Table 64 Asia-Pacific Market for Directed-energy and Military Lasers, by Country, Through 2022 (\$ Millions)

Table 65 Rest of the World Market for Directed-energy and Military Lasers, by Type, Through 2022 (\$ Millions)

Table 66 Rest of the World Market for Directed-energy and Military Lasers, by

Application, Through 2022 (\$ Millions)

Table 67 Rest of the World Market for Directed-energy and Military Lasers in Defense, by Platform Type, Through 2022 (\$ Millions)

Table 68 Rest of the World Market for Directed-energy and Military Lasers in Defense, by Lethality, Through 2022 (\$ Millions)

Table 69 Rest of the World Market for Directed-energy and Military Lasers, by Technology, Through 2022 (\$ Millions)

Table 70 Rest of the World Market for Directed-energy and Military Laser Weapons, by Technology, Through 2022 (\$ Millions)

Table 71 Rest of the World Market for Directed-energy and Military Lasers, by End Use, Through 2022 (\$ Millions)

Table 72 Rest of the World Market for Directed-energy and Military Lasers, by Sub-Region, Through 2022 (\$ Millions)

Table 73 Patents Filed in Directed-energy and Military Weapons Market, by Region, 2012-2016

Table 74 Global Market share for Directed-energy and Military Lasers, 2017 (%)

List Of Figures

LIST OF FIGURES

Summary Figure: Global Market for Directed-energy and Military Lasers, by Application, 2016-2022 (\$ Millions)

Figure 1 Global Market for Directed-energy and Military Lasers, by Type, 2016 (%)

Figure 2 Global Market for Gas Lasers, by Application, 2016-2022 (\$ Millions)

Figure 3 Global Market for Gas Lasers, by Region, 2016-2022 (\$ Millions)

Figure 4 Global Market for Chemical Lasers, by Application, 2016-2022 (\$ Millions)

Figure 5 Global Market for Chemical Lasers, by Region, 2016-2022 (\$ Millions)

Figure 6 Global Market for Excimer Lasers, by Application, 2016-2022 (\$ Millions)

Figure 7 Global Market for Excimer Lasers, by Region, 2016-2022 (\$ Millions)

Figure 8 Global Market for Fiber Lasers, by Application, 2016-2022 (\$ Millions)

Figure 9 Global Market for Fiber Lasers, by Region, 2016-2022 (\$ Millions)

Figure 10 Global Market for Solid State Lasers, by Application, 2016-2022 (\$ Millions)

Figure 11 Global Market for Solid-State Lasers, by Region, 2016-2022 (\$ Millions)

Figure 12 Global Market for Other Lasers, by Application, 2016-2022 (\$ Millions)

Figure 13 Global Market for Other Lasers, by Region, 2016-2022 (\$ Millions)

Figure 14 Global Market for Directed-energy and Military Lasers, by Technology, 2016 (%)

Figure 15 Global Market for Laser Altimeters, by Application, 2016-2022 (\$ Millions)

Figure 16 Global Market for Laser Altimeters, by Region, 2016-2022 (\$ Millions)

Figure 17 Global Market for Laser Range Finders, by Application, 2016-2022 (\$ Millions)

Figure 18 Global Market for Laser Range Finders, by Region, 2016-2022 (\$ Millions)

Figure 19 Global Market for LIDAR, by Application, 2016-2022 (\$ Millions)

Figure 20 Global Market for LIDAR, by Region, 2016-2022 (\$ Millions)

Figure 21 Global Market for Laser Weapon Technology (Directed-energy), by Application, 2016-2022 (\$ Millions)

Figure 22 Global Market for Laser Weapon Technology (Directed-energy), by Region, 2016-2022 (\$ Millions)

Figure 23 Global Market for Others, by Application, 2016-2022 (\$ Millions)

Figure 24 Global Market for Others, by Region, 2016-2022 (\$ Millions)

Figure 25 Global Market for Directed-energy and Military Lasers, by Application, 2016 (%)

Figure 26 Global Market for Directed-energy and Military Lasers in Industrial Applications, by Type, 2016-2022 (\$ Millions)

Figure 27 Global Market for Directed-energy and Military Lasers for Industrial

Applications, by Region, 2016-2022 (\$ Millions)

Figure 28 Global Market for Directed-energy and Military Lasers in Defense

Applications, by Type, 2016-2022 (\$ Millions)

Figure 29 Global Market for Directed-energy and Military Lasers for Defense

Applications, by Region, 2016-2022 (\$ Millions)

Figure 30 Global Market for Directed-energy and Military Lasers in Research

Applications, by Type, 2016-2022 (\$ Millions)

Figure 31 Global Market for Directed-energy and Military Lasers for Research

Applications, by Region, 2016-2022 (\$ Millions)

Figure 32 Global Market for Directed-energy and Military Lasers in Medical Applications,
by Type, 2016-2022 (\$ Millions)

Figure 33 Global Market for Directed-energy and Military Lasers for Medical
Applications, by Region, 2016-2022 (\$ Millions)

Figure 34 Global Market for Directed-energy and Military Lasers in Other Applications,
by Type, 2016-2022 (\$ Millions)

Figure 35 Global Market for Directed-energy and Military Lasers for Other Applications,
by Region, 2016-2022 (\$ Millions)

Figure 36 Global Market for Directed-energy and Military Lasers, by Region, 2017 (%)

Figure 37 Patents Filed in Directed-energy and Military Lasers Market, 2012-2016

Figure 38 Patents Filed in Global Market for Directed-Energy and Military Lasers
Market, by Region, 2012-2016

Figure 39 Global Market Share for Directed-energy and Military Lasers, 2017 (%*)

I would like to order

Product name: Directed-energy and Military Lasers: Global Markets

Product link: <https://marketpublishers.com/r/DD2ACD4BFDEEN.html>

Price: US\$ 1,250.00 (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/DD2ACD4BFDEEN.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