

ASIA PACIFIC LASER TECHNOLOGIES MARKET - DEFENCE, INDUSTRIAL, MEDICAL - MARKET FORECAST 2018-2026

<https://marketpublishers.com/r/A405F8B2F89EN.html>

Date: January 2018

Pages: 82

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

ID: A405F8B2F89EN

Abstracts

KEY FINDINGS

The Asia-Pacific Laser Technologies - defence, industrial, medical – market is slated to exhibit the most significant CAGR growth of 10.67% in the global market. Between the forecast years of 2018-2026, the revenue generated by the market is expected to rise from \$1240 million to \$3070 million.

MARKET INSIGHTS

Several opportunities in the untapped markets of developing countries in these regions and heavy investments for enhancement of laser technologies and improved applicability are the major reasons for the market growth. The China laser technologies market accounted for the highest revenue share in 2017. Over the years, the China market has made substantial development in these technologies. For instance, in 2016, the soldiers and police officers of China were provided with PY132A laser guns against rogue and drones. In 2015, China developed a laser cannon that can shoot down low-flying drones from a distance of 1.2 miles. The Chinese engineers have also been successful to develop laser weapons to counter low-altitude, low-speed drones. The other significant market for this region is India, which is expected to exhibit a significant CAGR by 2026.

COMPETITIVE INSIGHTS

Rafael Advanced Defense Systems Ltd, Raytheon Company, Epilog Corporation, Spi Lasers Plc, Boeing Company, Bae Systems Plc, Schafer Corporation, Coherent Inc,

Newport Corp, and Northrop Grumman Corporation are some of the established companies in this market.

Contents

1. RESEARCH SCOPE

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

2. RESEARCH METHODOLOGY

- 2.1. SOURCES OF DATA
 - 2.1.1. SECONDARY DATA
 - 2.1.2. PRIMARY DATA
- 2.2. TOP DOWN APPROACH
- 2.3. BOTTOM-UP APPROACH
- 2.4. DATA TRIANGULATION

3. EXECUTIVE SUMMARY

- 3.1. MARKET SUMMARY
- 3.2. KEY FINDINGS
 - 3.2.1. CHEMICAL LASER TYPES ARE OF SIGNIFICANT USE
 - 3.2.2. LASER ALTIMETER TECHNOLOGY IS GROWING SIGNIFICANTLY
 - 3.2.3. LASER TECHNOLOGIES ARE OF GREAT USE IN DEFENSE

4. MARKET DETERMINATION

- 4.1. MARKET DRIVERS
 - 4.1.1. INCREASING DEMAND FOR LASER SYSTEMS
 - 4.1.2. GROWTH IN NEW TECHNOLOGICAL INNOVATIONS
 - 4.1.3. INCREASING LARGE-SCALE ACQUISITIONS
- 4.2. MARKET RESTRAINTS
 - 4.2.1. RESTRICTIONS ON DEMONSTRATION OF LASER SYSTEMS
 - 4.2.2. INEFFICIENCY IN THE PROJECTILE AND PRODUCING USEFUL DAMAGE EFFECTS
- 4.3. MARKET OPPORTUNITIES
 - 4.3.1. TECHNOLOGICAL ADVANCEMENTS TO DEVELOP ENHANCED DEW
- 4.4. MARKET CHALLENGES

- 4.4.1. LASER DEVELOPMENT CONSTRAINTS
- 4.4.2. BUDGET CUTS IN MILITARY LASER SPENDING

5. MARKET SEGMENTATION

5.1. MARKET BY TYPES

- 5.1.1. GAS LASER
- 5.1.2. CHEMICAL LASER
- 5.1.3. EXCIMER LASER
- 5.1.4. FIBER LASER
- 5.1.5. SOLID STATE LASER
- 5.1.6. OTHER LASERS

5.2. MARKET BY TECHNOLOGY 2018-2026

- 5.2.1. LASER ALTIMETER
- 5.2.2. LASER RANGE FINDER
- 5.2.3. LIDAR
- 5.2.4. LASER WEAPON
- 5.2.5. OTHER TECHNOLOGY

5.3. MARKET BY APPLICATION 2018-2026

- 5.3.1. INDUSTRIAL
- 5.3.2. DEFENSE
- 5.3.3. RESEARCH
- 5.3.4. MEDICAL
- 5.3.5. OTHER APPLICATION

5.4. MARKET BY END USES 2018-2026

- 5.4.1. CUTTING AND WELDING
- 5.4.2. MISSILE DEFENSE SYSTEMS
- 5.4.3. SURGERY AND DIAGNOSIS
- 5.4.4. COMMUNICATIONS
- 5.4.5. GUIDING MUNITIONS AND MARKING TARGETS
- 5.4.6. LASER LIGHTING DISPLAY
- 5.4.7. OTHER END USER

6. KEY ANALYTICS

6.1. PORTER'S FIVE FORCES ANALYSIS

- 6.1.1. THREAT OF NEW ENTRANTS
- 6.1.2. THREAT OF SUBSTITUTES
- 6.1.3. BARGAINING POWER OF BUYERS

- 6.1.4. BARGAINING POWER OF SUPPLIERS
- 6.2. MARKET TRENDS
 - 6.2.1. DEMAND FOR ACCURACY AND PRECISION
 - 6.2.2. MODERNIZATION PROGRAMS OF MILITARY BASE
 - 6.2.3. OPPORTUNITIES IN THE UNTAPPED MARKETS OF DEVELOPING COUNTRIES
 - 6.2.4. INVESTMENTS FOR ENHANCEMENT OF LASER TECHNOLOGIES AND IMPROVED APPLICABILITY
- 6.3. SUPPLY CHAIN ANALYSIS
- 6.4. VALUE CHAIN ANALYSIS

7. GEOGRAPHICAL ANALYSIS

- 7.1. ASIA PACIFIC
 - 7.1.1. CHINA
 - 7.1.2. INDIA
 - 7.1.3. JAPAN
 - 7.1.4. REST OF APAC

8. COMPANY PROFILES

- 8.1. ALLTEC GMBH
 - 8.1.1. COMPANY OVERVIEW
 - 8.1.2. PRODUCT PORTFOLIO
 - 8.1.3. STRATEGIC INITIATIVES
- 8.2. BAE SYSTEMS PLC
 - 8.2.1. COMPANY OVERVIEW
 - 8.2.2. PRODUCT PORTFOLIO
 - 8.2.3. SWOT ANALYSIS
 - 8.2.4. STRATEGIC INITIATIVES
- 8.3. BOEING COMPANY
 - 8.3.1. COMPANY OVERVIEW
 - 8.3.2. PRODUCT PORTFOLIO
 - 8.3.3. SWOT ANALYSIS
 - 8.3.4. STRATEGIC INITIATIVES
- 8.4. COHERENT INC.
 - 8.4.1. COMPANY OVERVIEW
 - 8.4.2. PRODUCT PORTFOLIO
 - 8.4.3. STRATEGIC INITIATIVES

- 8.5. DILAS DIODENLASER GMBH
 - 8.5.1. COMPANY OVERVIEW
 - 8.5.2. PRODUCT PORTFOLIO
 - 8.5.3. STRATEGIC INITIATIVES
- 8.6. EPILOG CORPORATION
 - 8.6.1. COMPANY OVERVIEW
 - 8.6.2. PRODUCT PORTFOLIO
- 8.7. LOCKHEED MARTIN CORPORATION
 - 8.7.1. COMPANY OVERVIEW
 - 8.7.2. PRODUCT PORTFOLIO
 - 8.7.3. SWOT ANALYSIS
 - 8.7.4. STRATEGIC INITIATIVES
- 8.8. NEWPORT CORP.
 - 8.8.1. COMPANY OVERVIEW
 - 8.8.2. PRODUCT PORTFOLIO
 - 8.8.3. STRATEGIC INITIATIVES
- 8.9. NORTHROP GRUMMAN CORPORATION
 - 8.9.1. COMPANY OVERVIEW
 - 8.9.2. PRODUCT PORTFOLIO
 - 8.9.3. SWOT ANALYSIS
 - 8.9.4. STRATEGIC INITIATIVES
- 8.10. RAFAEL ADVANCED DEFENSE SYSTEMS LTD.
 - 8.10.1. COMPANY OVERVIEW
 - 8.10.2. PRODUCT PORTFOLIO
 - 8.10.3. STRATEGIC INITIATIVES
- 8.11. RAYTHEON COMPANY
 - 8.11.1. COMPANY OVERVIEW
 - 8.11.2. PRODUCT PORTFOLIO
 - 8.11.3. SWOT ANALYSIS
 - 8.11.4. STRATEGIC INITIATIVES
- 8.12. SCHAFFER CORPORATION.
 - 8.12.1. COMPANY OVERVIEW
 - 8.12.2. PRODUCT PORTFOLIO
 - 8.12.3. STRATEGIC INITIATIVES
- 8.13. SPI LASERS PLC
 - 8.13.1. COMPANY OVERVIEW
 - 8.13.2. PRODUCT PORTFOLIO
 - 8.13.3. STRATEGIC INITIATIVES

TABLE LIST

TABLE 1 ASIA PACIFIC LASER TECHNOLOGIES MARKET 2018-2026 (\$ MILLION)

TABLE 2 ASIA PACIFIC LASER TECHNOLOGIES MARKET, BY TYPES 2018-2026 (\$ MILLION)

TABLE 3 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN GAS LASER, BY APPLICATION 2018-2026 (\$ MILLION)

TABLE 4 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN GAS LASER 2018-2026 (\$ MILLION)

TABLE 5 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN CHEMICAL LASERS, BY APPLICATION 2018-2026 (\$ MILLION)

TABLE 6 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN CHEMICAL LASERS 2018-2026 (\$ MILLION)

TABLE 7 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN EXCIMER LASER, BY APPLICATION 2018-2026 (\$ MILLION)

TABLE 8 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN EXCIMER LASER 2018-2026 (\$ MILLION)

TABLE 9 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN FIBER LASER, BY APPLICATION 2018-2026 (\$ MILLION)

TABLE 10 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN FIBER LASER 2018-2026 (\$ MILLION)

TABLE 11 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN SOLID STATE LASER, BY APPLICATION 2018-2026 (\$ MILLION)

TABLE 12 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN SOLID STATE LASER 2018-2026 (\$ MILLION)

TABLE 13 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN OTHER LASERS, BY APPLICATION 2018-2026 (\$ MILLION)

TABLE 14 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN OTHER LASERS 2018-2026 (\$ MILLION)

TABLE 15 ASIA PACIFIC LASER TECHNOLOGIES MARKET, BY TECHNOLOGY 2018-2026 (\$ MILLION)

TABLE 16 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN LASER ALTIMETER, BY APPLICATION 2018-2026 (\$ MILLION)

TABLE 17 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN LASER ALTIMETER 2018-2026 (\$ MILLION)

TABLE 18 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN LASER RANGE FINDER, BY APPLICATION 2018-2026 (\$ MILLION)

TABLE 19 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN LASER RANGE FINDER 2018-2026 (\$ MILLION)

TABLE 20 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN LIDAR, BY APPLICATION 2018-2026 (\$ MILLION)

TABLE 21 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN LIDAR 2018-2026 (\$ MILLION)

TABLE 22 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN LASER WEAPON, BY APPLICATION 2018-2026 (\$ MILLION)

TABLE 23 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN LASER WEAPON 2018-2026 (\$ MILLION)

TABLE 24 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN OTHER TECHNOLOGY, BY APPLICATION 2018-2026 (\$ MILLION)

TABLE 25 ASIA PACIFIC LASER TECHNOLOGIES MARKET, BY APPLICATION 2018-2026 (\$ MILLION)

TABLE 26 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN INDUSTRIAL, BY TYPE 2018-2026 (\$ MILLION)

TABLE 27 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN INDUSTRIAL 2018-2026 (\$ MILLION)

TABLE 28 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN DEFENSE, BY PLATFORM 2018-2026 (\$ MILLION)

TABLE 29 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN DEFENSE, BY WEAPON TYPE 2018-2026 (\$ MILLION)

TABLE 30 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN DEFENSE, BY TYPE 2018-2026 (\$ MILLION)

TABLE 31 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN DEFENSE 2018-2026 (\$ MILLION)

TABLE 32 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN RESEARCH, BY TYPES 2018-2026 (\$ MILLION)

TABLE 33 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN RESEARCH 2018-2026 (\$ MILLION)

TABLE 34 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN MEDICAL, BY TYPES 2018-2026 (\$ MILLION)

TABLE 35 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN MEDICAL 2018-2026 (\$ MILLION)

TABLE 36 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN OTHER APPLICATION, BY TYPES 2018-2026 (\$ MILLION)

TABLE 37 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN OTHER APPLICATION 2018-2026 (\$ MILLION)

TABLE 38 ASIA PACIFIC LASER TECHNOLOGIES MARKET, BY END-USER 2018-2026 (\$ MILLION)

TABLE 39 CUTTING AND WELDING LASER TECHNOLOGIES MARKET 2018-2026

(\$ MILLION)

TABLE 40 MISSILE DEFENSE SYSTEMS LASER TECHNOLOGIES MARKET
2018-2026 (\$ MILLION)

TABLE 41 SURGERY AND DIAGNOSIS LASER TECHNOLOGIES MARKET
2018-2026 (\$ MILLION)

TABLE 42 COMMUNICATIONS LASER TECHNOLOGIES MARKET 2018-2026 (\$
MILLION)

TABLE 43 GUIDING MUNITIONS AND MARKING TARGETS LASER
TECHNOLOGIES MARKET 2018-2026 (\$ MILLION)

TABLE 44 LASER LIGHTING DISPLAYLASER TECHNOLOGIES MARKET 2018-2026
(\$ MILLION)

TABLE 45 OTHER END-USER LASER TECHNOLOGIES MARKET 2018-2026 (\$
MILLION)

TABLE 46 ASIA PACIFIC DIRECTED ENERGY AND MILITARY LASER 2018-2026 (\$
MILLION)

FIGURE LIST

FIGURE 1 ASIA PACIFIC LASER TECHNOLOGIES MARKET 2018-2026 (\$ MILLION)

FIGURE 2 ASIA PACIFIC LASER TECHNOLOGIES MARKET, BY TYPES 2018-2026
(\$ MILLION)

FIGURE 3 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN GAS LASER
2018-2026 (\$ MILLION)

FIGURE 4 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN CHEMICAL LASERS
2018-2026 (\$ MILLION)

FIGURE 5 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN EXCIMER LASER
2018-2026 (\$ MILLION)

FIGURE 6 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN FIBER LASER
2018-2026 (\$ MILLION)

FIGURE 7 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN SOLID STATE
LASER 2018-2026 (\$ MILLION)

FIGURE 8 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN OTHER LASERS
2018-2026 (\$ MILLION)

FIGURE 9 ASIA PACIFIC LASER TECHNOLOGIES MARKET, BY TECHNOLOGY
2018-2026 (\$ MILLION)

FIGURE 10 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN LASER ALTIMETER
2018-2026 (\$ MILLION)

FIGURE 11 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN LASER RANGE
FINDER 2018-2026 (\$ MILLION)

FIGURE 12 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN LIDAR 2018-2026 (\$
MILLION)

FIGURE 13 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN LASER WEAPON
2018-2026 (\$ MILLION)

FIGURE 14 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN OTHER
TECHNOLOGY 2018-2026 (\$ MILLION)

FIGURE 15 ASIA PACIFIC LASER TECHNOLOGIES MARKET, BY APPLICATION
2018-2026 (\$ MILLION)

FIGURE 16 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN INDUSTRIAL
2018-2026 (\$ MILLION)

FIGURE 17 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN DEFENSE
2018-2026 (\$ MILLION)

FIGURE 18 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN RESEARCH
2018-2026 (\$ MILLION)

FIGURE 19 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN MEDICAL
2018-2026 (\$ MILLION)

FIGURE 20 ASIA PACIFIC LASER TECHNOLOGIES MARKET IN OTHER
APPLICATION 2018-2026 (\$ MILLION)

FIGURE 21 ASIA PACIFIC LASER TECHNOLOGIES MARKET, BY END-USER
2018-2026 (\$ MILLION)

FIGURE 22 CUTTING AND WELDING LASER TECHNOLOGIES MARKET 2018-2026
(\$ MILLION)

FIGURE 23 MISSILE DEFENSE SYSTEMS LASER TECHNOLOGIES MARKET
2018-2026 (\$ MILLION)

FIGURE 24 SURGERY AND DIAGNOSIS LASER TECHNOLOGIES MARKET
2018-2026 (\$ MILLION)

FIGURE 25 COMMUNICATIONS LASER TECHNOLOGIES MARKET 2018-2026 (\$
MILLION)

FIGURE 26 GUIDING MUNITIONS AND MARKING TARGETS LASER
TECHNOLOGIES MARKET 2018-2026 (\$ MILLION)

FIGURE 27 LIGHTING DISPLAY LASER TECHNOLOGIES MARKET 2018-2026 (\$
MILLION)

FIGURE 28 OTHER END-USER LASER TECHNOLOGIES MARKET 2018-2026 (\$
MILLION)

FIGURE 29 ASIA PACIFIC DIRECTED ENERGY AND MILITARY LASER 2018-2026 (\$
MILLION)

FIGURE 30 CHINA DIRECTED ENERGY AND MILITARY LASER MARKET 2018-2026
(\$ MILLION)

FIGURE 31 INDIA DIRECTED ENERGY AND MILITARY LASER MARKET 2018-2026
(\$ MILLION)

FIGURE 32 JAPAN DIRECTED ENERGY AND MILITARY LASER MARKET 2018-2026

(\$ MILLION)

**FIGURE 33 REST OF APAC DIRECTED ENERGY AND MILITARY LASER MARKET
2018-2026 (\$ MILLION)****COMPANIES MENTIONED**

1. ALLTEC GMBH
2. BAE SYSTEMS PLC
3. BOEING COMPANY
4. COHERENT INC.
5. DILAS DIODENLASER GMBH
6. EPILOG CORPORATION
7. LOCKHEED MARTIN CORPORATION
8. NEWPORT CORP.
9. NORTHROP GRUMMAN CORPORATION
10. RAFAEL ADVANCED DEFENSE SYSTEMS LTD.
11. RAYTHEON COMPANY
12. SCHAFER CORPORATION.
13. SPI LASERS PLC

I would like to order

Product name: ASIA PACIFIC LASER TECHNOLOGIES MARKET - DEFENCE, INDUSTRIAL, MEDICAL - MARKET FORECAST 2018-2026

Product link: <https://marketpublishers.com/r/A405F8B2F89EN.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/A405F8B2F89EN.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

